

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
(11) WO 02/085092 (13) A2
(21) PCT/US02/11999
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 09/834,619 16 Apr/avr 2001 US (16.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ANGIOPLASTY DEVICE AND METHOD
• DISPOSITIF D'ANGIOPLASTIE ET PROCEDE CORRESPONDANT
(71, 72) DON MICHAEL, T., Anthony [US/US]; 4109 Sill Place, Bakersfield, CA 93306 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085093 (13) A2
(21) PCT/US02/09240
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/278,761 27 Mar/mar 2001 US (27.03.2001)
(30) 60/303,396 9 Jul/juil 2001 US (09.07.2001)
(30) 09/984,056 26 Oct/oct 2001 US (26.10.2001)
(30) 09/984,057 26 Oct/oct 2001 US (26.10.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • REPLIKIN PEPTIDES AND USES THEREOF
• PEPTIDES DE REPLIKINE ET LEUR UTILISATION
(71, 72) BOGOCH, Samuel [US/US]; 46 East 91st Street, New York, NY 10028 (US). BOGOCH, Elenore, S. [US/US]; 46 East 91st Street, New York, NY 10028 (US).
(74) HAAG, Thomas, A. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085094 (13) A2
(21) PCT/US02/09647
(22) 29 Mar/mar 2002 (29.03.2002)
(25) en (26) en
(30) 60/280,262 29 Mar/mar 2001 US (29.03.2001)
(30) 10/109,577 28 Mar/mar 2002 US (28.03.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • TRANSGENIC MICE CONTAINING ACYLPHOSPHATASE GENE DISRUPTIONS
• SOURIS TRANSGENIQUES PORTEUSES DE DISRUPTIONS DANS UN GENE DE L'ACYLPHOSPHATASE
(63) US 60/280,262 (CON) 29 Mar/mar 2001 (29.03.2001) US Not furnished / non communiqué (CON) 28 Mar/mar 2002 (28.03.2002)
(71) DELTAGEN, INC. [US/US]; 740 Bay Road, Redwood City, CA 94063 (US). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) ALLEN, Keith, D. [US/US]; 224 Custer Trail, Cary, NC 27513 (US).
(74) BURKE, John, E. et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A01B 59/00
(11) WO 02/085095 (13) A2
(21) PCT/EP02/04078
(22) 12 Apr/avr 2002 (12.04.2002)
(25) de (26) de
(30) 101 20 059.5 24 Apr/avr 2001 DE (24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COUPLING HOOK FOR THE LOWER LINK OF A TRACTOR
• CROCHET D'ATELAGE POUR LE BRAS DE GUIDAGE INFERIEUR D'UN TRACTEUR
(71) WGF FAHRZEUGTEILE GMBH [DE/DE]; Schlarper Strasse 14, 37170 Uslar-Volpriehausen (DE). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) FRIEDRICH, Rainer [DE/DE]; Duhmblick 20, 37191 Katlenburg-Lindau (DE).
(74) SOBISCH, Peter et al. / etc.; Sobisch & Callies, Odastrasse 4a, 37581 Bad Gandersheim (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A01C 7/04, B65B 35/20
(11) WO 02/085096 (13) A1
(21) PCT/SE02/00805
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 0101415-8 24 Apr/avr 2001 SE (24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • APPARATUS
• APPAREIL
(71) GROWTECH AB [SE/SE]; Falkvägen 35, S-152 70 Södertälje (SE).

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

(72, 75) **TÖRNSTRÖM, Ingvar** [SE/SE]; Strömmingsberget 8, S-619 31 Trosa (SE).

(74) **BJELKSTAM, P. et al.** / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

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

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

(11) **WO 02/085097** (13) A2

(21) PCT/IB02/02617

(22) **28 Mar/mar 2002 (28.03.2002)**

(25) en (26) en

(30) 60/279,268 **28 Mar/mar 2001 US (28.03.2001)**

(30) 60/332,894 **16 Nov/nov 2001 US (16.11.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTERNAL WINDROW WIDTH ADJUSTMENT SYSTEM FOR A V-RAKE
• SYSTEME INTERNE DE REGLAGE DE LA LARGEUR D'ANDAIN POUR DISPOSITIF DE RATELAGE EN V

(71) **TONUTTI S.P.A.** [IT/IT]; Via Orzano, 6, I-33047 Remanzacco (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TONUTTI, Carletto** [IT/IT]; Via Belvedere N. 31, Tricesimo, Udine (IT).

(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).

(51)⁷ A01D

(11) **WO 02/085098** (13) A2

(21) PCT/US02/12083

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,182 **20 Apr/avr 2001 US (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR ROTARY PRESSURE CUTTING

• APPAREIL ET PROCEDE DE DECOUPE PAR PRESSION ROTATIVE

(71) **TAMARACK PRODUCTS, INC.** [US/US]; 1071 North Old Rand Road, Wauconda, IL 60084 (US).

(72) **MACHAMER, David**; 25337 West Ivanhoe Road, Wauconda, IL 60084 (US).

(74) **HILL, James, J.**; Emrich & Dithmar, 300 S. Wacker Drive, Suite 3000, Chicago, IL 60606 (US).

(81) AU KR.

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

(51)⁷ A01D 90/08

(11) **WO 02/085099** (13) A1

(21) PCT/GB01/05154

(22) **23 Nov/nov 2001 (23.11.2001)**

(25) en (26) en

(30) 0109614.8 **19 Apr/avr 2001 GB (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BALE HANDLING MACHINE
• MATERIEL DE MANUTENTION DE BALLE

(71, 72) **WALTON, John, Dawson** [GB/GB]; Rab1 Cottage, East Cowton, Northallerton, N Yorks DL7 0JN (GB).

(74) **HACKNEY, Nigel**; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

(81) AU CA RU UA US ZA.

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

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AU CA RU UA ZA EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01G 23/06

(11) **WO 02/085100** (13) A1

(21) PCT/SE02/00745

(22) **16 Apr/avr 2002 (16.04.2002)**

(25) en (26) en

(30) 09/837,231 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STUMP GRINDING WHEEL AND CUTTING ASSEMBLIES THEREFOR

• ROUE DE BROYEUSE DE SOUCHE ET DISPOSITIFS DE COUPE CORRESPONDANTS

(71) **SANDVIK AB; (publ)** [SE/SE]; S-811 81 Sandviken (SE).

(72) **PAUMIER, James**; 8877 Lost Trail, NE, Canton, OH 44721 (US). **MONYAK, Kenneth**; 17270 Mary Lee Davis, Abingdon, VA 24210 (US).

(74) **CARLSSON, Lars-Åke**; Sandvik AB, Intellectual Property, S-811 81 Sandviken (SE).

(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 A01G 25/02

(11) **WO 02/085101** (13) A1

(21) PCT/EP02/03965

(22) **10 Apr/avr 2002 (10.04.2002)**

(25) en (26) en

(30) SV2001A000012 **20 Apr/avr 2001 IT (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF-COMPENSATING DRIP IRRIGATION EMITTER

• EMETTEUR D'IRRIGATION GOUTTE-A-GOUTTE A AUTOCOMPENSATION

(71) **IRRITEC S.R.L.** [IT/IT]; Via Consolare Antica, 247, I-98071 Capo d'Orlando (IT).

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

(72, 75) **GIUFFRE' Carmelo** [IT/IT]; Via F. Crispi, 7, I-98071 Capo D'Orlando (IT).

(74) **KARAGHIOSOFF, Giorgio, A.**; c/o Studio Karaghiosoff & Frizzi S.a.s., Via Pecorile 25/C, I-17015 Celle Ligure (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) A01G 25/09

(11) **WO 02/085102** (13) A1

(21) PCT/US02/00908

(22) **14 Jan/jan 2002 (14.01.2002)**

(25) en (26) en

(30) 09/840,452 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A DISINFECTANT SPRAYING APPARATUS

• APPAREIL DE PULVERISATION DE DESINFECTANT

(71) **MONROE TRUCK EQUIPMENT** [US/US]; 1051 W 7th Street, Monroe, WI 53566 (US).

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

(72, 75) **HOLVERSON, Andrew** [US/US]; Monroe Truck Equipment, 1051 W 7th Street, Monroe, WI 53566 (US). **LACOMBE, Rodney** [US/US]; Monroe Truck Equipment,

- 1051 W 7th Street, Monroe, WI 53566 (US). GERBER, Donovan [US/US]; Monroe Truck Equipment, 1051 W 7th Street, Monroe, WI 53566 (US).
- (74) ARCHER, David; David J. Archer M. I. Inf. Sc., 9790 Forest Preserve Rd., Durand, IL 61024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A01G 31/02, F25D 31/00

(11) WO 02/085103 (13) A1

(21) PCT/CA01/00531

(22) 19 Apr/avr 2001 (19.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDROPONIC FEEDER AND COOLER

• DISPOSITIF D'ALIMENTATION ET REFRIGERANT HYDROPONIQUE

(71, 72) BOULTER, Clayton [CA/CA]; 20 - 11757 207th Street, Maple Ridge, British Columbia V2X 1X4 (CA).

(74) CAMERON, Norman, M.; 1401 - 1166 Alberni Street, Vancouver, British Columbia V6E 3Z3 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 A01H

(11) WO 02/085104 (13) A2

(21) PCT/US02/11837

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/285,265 20 Apr/avr 2001 US (20.04.2001)

(30) 10/121,200 12 Apr/avr 2002 US (12.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF TRANSFORMING PLANTS

• TECHNIQUES DE TRANSFORMATION DE VEGETAUX

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).

(72) ZHAO, Zuo-Yu; 8080 Huntingwood Court, Johnston, IA 50131 (US). BIDNEY, Dennis, L.; 8385 Plum Drive, Urbandale, IA 50322 (US). ELSING, Evan, D.; 9443 Keahi Place, Waimea, Kauai, HI 96752 (US). MILLER, Michael, D.; 59 West Buchanan Street, Winterset, IA 50273 (US). WU, Xinli, E.; 9203 Oakridge Place, Johnston, IA 50131 (US). GORDON-KAMM, William, J.; 3916 67th Street, Urbandale, IA 50322 (US).

(74) MICHEL, Marianne, H. 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 UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ 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 A01H

(11) WO 02/085105 (13) A2

(21) PCT/US02/12741

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,296 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOMATO PLANTS THAT EXHIBIT RESISTANCE TO SI(BOTRYTIS CINEREA)

• PLANTS DE TOMATE PRESENTANT UNE RESISTANCE A SI(BOTRYTIS CINEREA)

(71) SEMINIS VEGETABLE SEEDS, INC. [US/US]; 2700 Camino Del Sol, Oxnard, CA 93030-7967 (US).

(72) GABOR, Brad, Kane; 18658 County Road 95, Woodland, CA 95695 (US). FRAMP-TON, Anna, Julia; 3064 Prado Lane, Davis, CA 95616 (US). BRAGALONI, Mauro; Via Litoranea, 5, I-04010 Borgo Sabotino (IT). TANKSLEY, Steven, D.; 113 Pineview Terrace, Ithaca, NY 14850 (US).

(74) MUELLER, Lisa, V.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 West Madison, Chicago, IL 60661 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085106 (13) A1

(21) PCT/AU02/00508

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) PR 4583 24 Apr/avr 2001 AU (24.04.2001)

(30) PR 9055 26 Nov/nov 2001 AU (26.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANIMAL TAG

• BOUCLE DE MARQUAGE POUR ANIMAUX

(71, 72) STEINFORT, John, James [AU/AU]; Copelands Road, Warragul, Victoria 3820 (AU). EDNEY, Neil, Frederick [AU/AU]; Giles Street, Mirboo North, Victoria 3871 (AU).

(74) PERNAT, Alfred et al. / etc.; Morcom Perinat, 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).

Published / Publiée : (a)

(51)⁷ A01K 13/00

(11) WO 02/085107 (13) A1

(21) PCT/EP02/04402

(22) 20 Apr/avr 2002 (20.04.2002)

(25) de (26) de

(30) 201 06 800.1 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BOOT FOR PROTECTING THE LEG OF A HORSE, ESPECIALLY FOR PROTECTING THE CANNON-BONE AND PASTER OF JUMPERS

• GUETRE DESTINEE A PROTEGER LA JAMBE D'UN CHEVAL, EN PARTICULIER A PROTEGER LE CANON ET LE PATURON D'UN CHEVAL D'OBS-TACLE

(71) PIKEUR REITMODEN BRINKMANN GMBH & CO. KG [DE/DE]; Esch 19, 33824 Werther (DE).

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

(72, 75) JOHANNSMANN, Hans-Georg [DE/DE]; Schlossstrasse 55, 33824 Werther (DE). BEERBAUM, Ludger [DE/DE]; Prozessionsweg 51 A, 48477 Riesenbeck (DE).

(74) COHAUSZ & FLORACK (24); Kanzlerstrasse 8a, 40472 Düsseldorf (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 61/00

(11) WO 02/085108 (13) A1

(21) PCT/FR02/01298

(22) 15 Apr/avr 2002 (15.04.2002)

(25) fr (26) fr

(30) 01/05419 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR REARING SHELLFISH SUCH AS OYSTERS IN AN AQUATIC MEDIUM

• DISPOSITIF D'ELEVAGE EN MILIEU AQUATIQUE DE COQUILLAGES BIVALVES TELLES QUE LES HUITRES

(71, 72) FESQUET, Jacques [FR/FR]; F-12380 Saint Sernin sur Rance (FR).

(74) CABINET DELHAYE; Rue du Centre, B.P. 30, F-81370 Saint-Sulpice (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01N

(11) WO 02/085109 (13) A2

(21) PCT/JP02/03734

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 2001-117961 17 Apr/avr 2001 JP (17.04.2001)

(30) 2002-49079 26 Feb/fév 2002 JP (26.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BACTERICIDE COMPOSITION

• COMPOSITION BACTERICIDE

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

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

(72, 75) YAMADA, Hiroyuki [JP/JP]; c/o Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-ku, Tokyo 131-8501 (JP). ISHIDA, Hirohiko [JP/JP]; c/o Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-ku, Tokyo 131-8501 (JP). TSUKUDA, Kazunori [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (JP).

(74) FURUYA, Kaoru et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (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 A01N 1/00, A61D 7/00

(11) WO 02/085110 (13) A1

(21) PCT/JP02/03788

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-120225 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EGG FREEZING PRESERVATION TOOL, AND CYLINDRICAL MEMBER HOLDING TOOL

• OUTIL DE CONSERVATION D'OEUF PAR CONGELATION ET OUTIL DE MAINTIEN A ELEMENT CYLINDRIQUE

(71) KABUSHIKIKAIISHA KITAZATO SUPPLY [JP/JP]; 1144-3, Nonaka, Fujinomiya-shi, Shizuoka 418-0039 (JP).

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(72, 75) INOUE, Tamotsu [JP/JP]; c/o KABUSHIKIKAIISHA KITAZATO SUPPLY, 1144-3, Nonaka, Fujinomiya-shi, Shizuoka 418-0039 (JP). INOUE, Futoshi [JP/JP]; c/o KABUSHIKIKAIISHA KITAZATO SUPPLY, 1144-3, Nonaka, Fujinomiya-shi, Shizuoka 418-0039 (JP).

(74) MUKAIYAMA, Shoichi; Mukaiyama and Associates, Room No.503, Marunouchi Office Forum, 1-30, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/00, A61K 38/42

(11) WO 02/085111 (13) A1

(21) PCT/US02/12118

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,651 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLEXIBLE CONTAINER SYSTEM FOR STORAGE OF STABILIZED HEMOGLOBIN SOLUTIONS

• SYSTEME DE CONTENANT SOUPLE SERVANT A ENTREPOSER DES SOLUTIONS D'HEMOGLOBINE STABILISEES

(71) NORTHFIELD LABORATORIES [US/US]; 1560 Sherman, Suite 1000, Evanston, IL 60201-4422 (US).

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

(72, 75) MC GINNIS, Robert, L. [US/US]; 722 N. Wisner Street, Park Ridge, IL 60068 (US). CHAVEZ, Gabriel [US/US]; 2652 S. Kedvale, Chicago, IL 60623 (US). DOUBLEDAY, Marc [US/US]; 326 Alicia Drive, Cary, IL 60013 (US). DEWOSKIN, Richard [US/US]; 1730 Hampton Course, St. Charles, IL 60174 (US). AVELLA, Anthony [US/US]; 1345 Boxwood Drive, Crystal Lake, IL 60014 (US).

(74) GATTARI, Patrick, G.; McDonnell Bochen 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).

(51)⁷ A01N 25/00, A61K 47/00, 47/30, 47/32, 47/34, 9/48

(11) WO 02/085112 (13) A1

(21) PCT/US02/12858

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,717 23 Apr/avr 2001 US (23.04.2001)

(30) 10/126,828 19 Apr/avr 2002 US (19.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A RELEASE PHARMACEUTICAL CONSTRUCT FOR GASTRIC RETENTION

• STRUCTURE PHARMACEUTIQUE D'APPORT SE MAINTENANT DANS L'ESTOMAC

(71) KOS PHARMACEUTICALS, INCORPORATED [US/US]; 1001 Brickel Bay Drive, 25th Floor, Miami, FL 33131 (US).

(72) GUTIERREZ-ROCCA, Jose; 9816 N.W. 32nd Street, Miami, FL 33172 (US).

DUNNE, Josephine; 690 N.W. 90th Terrace, Plantation, FL 33324 (US). LALLY, Matthew; 718 SE 13th Ct.#3, Fort Lauderdale, FL 33324 (US).

(74) ROSENSTOCK, Jerome; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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

Published / Publiée : (c)

(51) A01N 25/08

(11) WO 02/085113 (13) A1

(21) PCT/US02/08969

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/838,854 20 Apr/avr 2001 US (20.04.2001)

(30) 09/920,689 2 Aug/août 2001 US (02.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTROLLED RELEASE PARTICLES
• PARTICULES A LIBERATION CONTROLEE

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

(72) ANDERSON, Mark, T.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BUDD, Kenneth, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). MARABELLA, Charles, P.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). NIGATU, Tadesse, G.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BARDELL, Scott, A. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations; (f) for all designations / pour toutes les désignations

(51)⁷ A01N 27/00

(11) WO 02/085114 (13) A2

(21) PCT/EP02/04418

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) MI01A000851 23 Apr/avr 2001 IT (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PARASITICIDAL COMPOSITION AND PARASITICIDAL TREATMENT METHOD USING THE COMPOSITION
• COMPOSITION PARASITICIDE ET PROCEDE DE TRAITEMENT PARASITICIDE AU MOYEN DE LADITE COMPOSITION

(71, 72) PERUCCI, Piero [IT/IT]; Via M.Magnini, 129, I-06128 Perugia (IT). PRINCIPATO, Mario [IT/IT]; P.le Giotto, 5, I-06127 Perugia (IT).

(74) FARAGGIANA, Vittorio; Ingg. Guzzi & Ravizza S.r.l., Via Vincenzo Monti, 8, I-20123 Milano (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 37/10, 37/40

(11) WO 02/085115 (13) A2

(21) PCT/US01/49461

(22) 23 Oct/oct 2001 (23.10.2001)

(25) en (26) en

(30) 60/242,558 23 Oct/oct 2000 US (23.10.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF BENZYL ESTER COMPOSITIONS FOR CONTROLLING NON-ARTHROPOD PEST POPULATIONS
• UTILISATION DE COMPOSITIONS D'ESTER BENZYLIQUE POUR LUTTER CONTRE LES POPULATIONS D'ENNEMIS DES CULTURES NON ARTHROPODES

(71) BANKS GROUP, LLC [US/US]; 180 Grand Avenue, Suite 1545, Oakland, CA 94612 (US).

(72) EMERSON, Ralph; 3204 Shelter Cove Avenue, Davis, CA 95616 (US). MILLER, Thomas; 1314 Nutmeg Lane, Davis, CA 95616 (US).

(74) RAE-VENTER, Barbara et al. / etc.; Rae-Venter Law Group, P.C., P.O. Box 1898, Monterey, CA 93942-1898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 A01N 37/18, A61K 38/00, C07K 1/00, C12N 5/08, 5/00, 5/02

(11) WO 02/085116 (13) A1

(21) PCT/US02/12564

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,373 21 Apr/avr 2001 US (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPRR1A AND AXONAL REGENERATION
• SPRR1A ET REGENERATION AXONALE

(71) YALE UNIVERSITY [US/US]; Office of Cooperative Research, 155 Whitney Avenue, P.O. Box 208336, New Haven, CT 06520-8336 (US).
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(72, 75) STRITTMATTER, Stephen, M. [US/US]; 96 Tulip Tree Drive, Guilford, CT 06437 (US). BONILLA, Iris, E. [US/US]; 67 Pearl Street, Apt. 3, New Haven, CT 06511 (US).

(74) DOYLE, Kathryn et al. / etc.; Morgan, Lewis & Bockius LLP, 1701 Market Street, Philadelphia, PA 19103 (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 A01N 43/04, A61K 38/00, C07H 5/04, 5/06

(11) WO 02/085117 (13) A1

(21) PCT/US02/12504

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/286,215 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING SEPTIC SHOCK AND ENDOTOXEMIA

- PROCEDES ET COMPOSITIONS DE PREVENTION ET TRAITEMENT DU CHOC SEPTIQUE ET DE L'ENDO-TOXEMIE
- (63) US 60/286,215 (CIP)
24 Apr/avr 2001 (24.04.2001)
- (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) CARTER, J., Paul [US/US]; 40 Salem Street, North Andover, MA 01845 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 43/08, 43/16, 41/10 // (A01N 43/08, 57:20, 47:36, 47:12, 43:90, 43:86, 43:82, 43:80, 43:78, 43:76, 43:54, 43:50, 43:42, 43:12, 39:02, 37:22, 33:18)
- (11) WO 02/085118 (13) A2
- (21) PCT/EP02/04131
- (22) 13 Apr/avr 2002 (13.04.2002)
- (25) de (26) de
- (30) 101 19 727.6 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNERGISTIC HERBICIDAL AGENT COMPRISING HERBICIDES FROM THE BENZOYL-CYCLOHEXANEDIONE GROUP FOR APPLICATION IN RICE CULTIVATION
- AGENTS HERBICIDES SYNERGIQUES CONTENANT DES HERBICIDES DU GROUPE DES BENZOYL-CYCLOHEXANEDIONES, DESTINES A UN USAGE DANS DES CULTURES DE RIZ
- (71) BAYER CROPSCIENCE GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AULER, Thomas [DE/DE]; Bonner Strasse 15, 65812 Bad Soden (DE). VAN ALMSICK, Andreas [DE/DE]; Am Breul 4b, 61184 Karben (DE). HACKER, Erwin [DE/DE]; Margarethenstrasse 16, 65239 Hochheim (DE). MILLET, Jean-Claude [FR/FR]; BAT3-La Forestière, F-69130 Ecully (FR). ENDO, Keiji [JP/JP]; 1500-3, Muko-Ueno, Akeno-machi, Makabe-gun, Ibaraki 300-4522 (JP).
- (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).
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- (51)⁷ A01N 43/40, A61K 31/44, 9/14, A61F 13/00
- (11) WO 02/085119 (13) A1
- (21) PCT/US02/12135
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/285,404 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTRAORAL DELIVERY OF NICOTINE FOR SMOKING CESSATION
- DISTRIBUTION INTRABUCALE DE NICOTINE DESTINEE A ARRETER DE FUMER
- (71) LAVIPHARM LABORATORIES INC. [US/US]; 69 Princeton-Highstown Road, East Windsor, NJ 08520 (US).
- (72) CHEN, Li-Lan, H.; 3906 Victoria Court, Edison, NJ 08817 (US). LIANG, Alfred; 25 Park Gate Drive, Edison, NJ 08820 (US).
- (74) DEIBERT, Thomas, S.; Dechert, P.O.Box 5218, Princeton, NJ 08543 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 43/80, 43/08, 41/10 // (A01N 43/80, 47:30, 43:80, 43:76, 43:56, 43:42, 43:28, 41:06, 37:10, 25:32) (A01N 43/08, 47:30, 43:80, 43:76, 43:56, 43:42, 43:28, 41:06, 37:10, 25:32) (A01N 41/10, 47:30, 43:80, 43:76, 43:56, 43:42, 43:28, 41:06, 37:10, 25:32)
- (11) WO 02/085120 (13) A2
- (21) PCT/EP02/03902
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) de (26) de
- (30) 101 19 721.7 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HERBICIDAL AGENT COMPRISING BENZOYL-CYCLOHEXANEDIONES AND SAFENERS
- AGENTS HERBICIDES CONTENANT DES BENZOYL-CYCLOHEXANEDIONES ET DES PHYTOPROTECTEURS
- (71) BAYER CROPSCIENCE GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIEMER, Frank [DE/DE]; Uhlandstrasse 2, D-65830 Krieffel (DE). VAN ALMSICK, Andreas [DE/DE]; Am Breul 4b, 61184 Karben (DE). WILLMS, Lothar [DE/DE]; Königsteiner Strasse 50, 65719 Hofheim (DE). AULER, Thomas [DE/DE]; Bonner Strasse 15, 65812 Bad Soden (DE). BIERINGER, Hermann [DE/DE]; Eichenweg 26, 65817 Eppstein (DE). HACKER, Erwin [DE/DE]; Margarethenstrasse 16, 65239 Hochheim (DE). ROSINGER, Christopher [GB/DE]; Am Hochfeld 33, 65719 Hofheim (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).
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- (51)⁷ A01N 43/80 // (A01N 43/80, 47:36, 47:34, 47:06, 43:90, 43:82, 43:70, 43:653, 43:50, 43:10, 43:08, 37:40, 37:26, 37:22, 37:20, 33:18)
- (11) WO 02/085121 (13) A1
- (21) PCT/EP02/03903
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) de (26) de
- (30) 101 19 729.2 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNERGISTIC HERBICIDE COMPRISING BENZOYL-CYCLOHEXANEDIONES FOR APPLICATION IN MAIZE CULTIVATION
- AGENTS HERBICIDES SYNERGIQUES CONTENANT DES HERBICIDES DU GROUPE DES BENZOYL-CYCLOHEXANEDIONES POUR L'UTILISATION DANS DES CULTURES DE MAIS
- (71) BAYER CROPSCIENCE GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN ALMSICK, Andreas [DE/DE]; Am Breul 4b, 61184 Karben (DE). WILLMS, Lothar [DE/DE]; Königsteiner Strasse 59, 65719 Hofheim (DE). HACKER, Erwin [DE/DE]; Margarethenstrasse 16, 65239 Hochheim (DE). BIERINGER, Hermann [DE/DE]; Eichenweg 26, 65817 Eppstein (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).

Published / Publiée : (c)

(51)⁷ A01N 57/20

(11) WO 02/085122 (13) A1

(21) PCT/US02/13140

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,731 23 Apr/avr 2001 US (23.04.2001)

(30) 10/122,806 15 Apr/avr 2002 US (15.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AMMONIUM GLYPHOSATE COMPOSITIONS AND PROCESS FOR THEIR PREPARATION
• COMPOSITIONS DE GLYPHOSATE D'AMMONIUM ET PROCEDE PERMETTANT DE PREPARER CES COMPOSITIONS

(71) MONSANTO TECHNOLOGY LLC [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).
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(72, 75) MASSMAN, Brent, D. [US/US]; 309 Oak Top Court, Ballwin, MO 63021 (US).
WANG, John, T. [US/US]; 1019 Forder Crossing Drive, St. Louis, MO 63129 (US).
CAMPBELL, Dwane, H. [US/US]; 436 Eatherton Valley Road, Chesterfield, MO 63005 (US).

(74) SCHUTH, Richard, A. 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 61/00, 37/18, A61K 31/00, 38/00

(11) WO 02/085123 (13) A1

(21) PCT/US02/11990

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/284,747 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PPAR-ALPHA-GAMMA LIGANDS OR AGONISTS FOR THE TREATMENT OF INFLAMMATION

• AGONISTES OU LIGANDS PPAR-ALPHA-GAMMA DESTINES AU TRAITEMENT D'INFLAMMATIONS

(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) WRIGHT, Samuel, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
CAI, Tian-Quan [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).

Published / Publiée : (c)

(51)⁷ A01N 61/00, 37/18, A61K 31/00, 38/00

(11) WO 02/085124 (13) A1

(21) PCT/US02/11991

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/284,748 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF PPAR-ALPHA-GAMMA LIGANDS OR AGONISTS TO PREVENT THE RUPTURE OF ATHEROSCLEROTIC PLAQUES

• UTILISATION DE LIGANDS PPAR-ALPHA-GAMMA OU LEURS AGONISTES AFIN D'EVITER LA RUPTURE DE PLAQUES ATHEROSCLEREUSES

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) CAI, Tian-Quan [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
WRIGHT, Samuel, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

Published / Publiée : (c)

(51)⁷ A21C 15/04

(11) WO 02/085125 (13) A1

(21) PCT/IT02/00242

(22) 17 Apr/avr 2002 (17.04.2002)

(25) it (26) en

(30) FI2001A000070 20 Apr/avr 2001 IT (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A BASE ELEMENT FOR FACILITATING CUTTING CAKES, FLAT BREADS AND THE LIKE

• ELEMENT DE BASE DESTINE A FACILITER LA COUPE DE GATEAUX, PAINS PLATS ET ANALOGUES

(71, 72) FUNARO, Gianpaolo [IT/IT]; Via delle Ballodole 9/18, I-50139 Firenze (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).

Published / Publiée : (c)

(51)⁷ A22B 5/00, 5/16

(11) WO 02/085126 (13) A1

(21) PCT/NZ02/00064

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 511211 19 Apr/avr 2001 NZ (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR REMOVING PELT FROM AN ANIMAL CARCASS

• APPAREIL D'ENLEVEMENT DE LA PEAU DE LA CARCASSE D'UN ANIMAL

(71) AGRESEARCH LIMITED [NZ/NZ]; East Street, Ruakura Campus, Hamilton (NZ).
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(72, 75) PHILLIPS, Douglas, Moreland [NZ/NZ]; 9 Queenwood Avenue, Hamilton (NZ).

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

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

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

(51)⁷ A22C

(11) WO 02/085127 (13) A2

(21) PCT/US02/10831

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/837,087 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POULTRY PROCESSING MACHINE HAVING CARCASS LOCATING APPARATUS

• MATERIEL DE TRANSFORMATION DE LA VIANDE DE VOLAILLE EQUIPE D'UN APPAREIL DE POSITIONNEMENT DES CARCASSES

(71) JOHNSON FOOD EQUIPMENT, INC. [US/US]; P.O. Box 15300, Kansas City, KS 66115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TIELEMAN, Rudolf, J. [NL/FR]; La Brillere, F-86410 Verrieres (FR).

(74) TIMMONS, Stephen, D.; Hovey, Williams, Timmons & Collins, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

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

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

(51)⁷ A22C

(11) WO 02/085128 (13) A2

(21) PCT/US02/09982

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/837,083 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR USE IN MAKING CUTS IN THE ABDOMINAL SKIN OF POULTRY CARCASSES

• APPAREIL PERMETTANT DE PRATIQUER DES INCISIONS DANS LA PARTIE ABDOMINALE DES CARCASSES DE VOLAILLES

(71) JOHNSON FOOD EQUIPMENT, INC. [US/US]; P.O. Box 15300, Kansas City, KS 66115 (US).

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

(72, 75) SORENSON, William, R. [US/US]; 1118 S.W. Eastman Court, Blue Springs, MO 64015 (US). STOCKTON, Mitchell, S. [US/US]; 2210 Barker Avenue, Lawrence, KS 66046 (US).

(74) TIMMONS, Stephen, D.; 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).

(51)⁷ A22C 13/00

(11) WO 02/085129 (13) A1

(21) PCT/JP02/03583

(22) 10 Apr/avr 2002 (10.04.2002)

(25) ja (26) ja

(30) 2001-118452 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CASING FILM FOR FOOD

• FILM D'EMBALLAGE POUR DES ALIMENTS

(71) GUNZE KOBUNSHI CORPORATION [JP/JP]; 3-17-1, Sakuradai, Ischarya-shi, Kanagawa 259-1132 (JP).

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(72, 75) MORI, Nobuyuki [JP/JP]; 315-9, Kitayana, Hadano-shi, Kanagawa 257-0006 (JP). ARAI, Ichiro [JP/JP]; 105, Height Yasaka, 2-3-20, Numame, Ischarya-shi, Kanagawa 259-1126 (JP).

(74) IKUTA, Tetsuo et al. / etc.; IKUTA & NAKOSHI LAW & 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 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 A23G 9/02, 9/04

(11) WO 02/085130 (13) A1

(21) PCT/US02/11846

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,809 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REDUCED CALORIE OR NON-CALORIC FROZEN CARBONATED BEVERAGE

• BOISSON CARBONATEE CONGEELEE NON CALORIQUE OU PAUVRE EN CALORIES

(71) THE COCA-COLA COMPANY [US/US]; One Coca-Cola Plaza, Atlanta, GA 30313 (US).

(72) DUBOIS, Grant, E.; 215 Quincy Lane, Roswell, GA 30076 (US). SHEPHERD, James, M.; 1723 Regency Park Walk, Atlanta, GA 30341 (US). RYAN, Sandra, C.; 3845 Princeton Oaks, Kennesaw, GA 30144 (US).

(74) BIRCH, ANTHONY, L.; FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., 1300 I Street, NW, 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).

(51)⁷ A23J 3/34, A23C 9/127, 19/055, 20/00, A23J 1/12, 1/20

(11) WO 02/085131 (13) A1

(21) PCT/NZ02/00067

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 511202 19 Apr/avr 2001 NZ (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PREPARING SAVOURY-FLAVOURED PRODUCTS BY FERMENTATION OF PROTEINS

• PROCEDE DE PREPARATION DE PRODUITS SALES PAR FERMENTATION DE PROTEINES

(71) NEW ZEALAND DAIRY BOARD [NZ/NZ]; Pastoral House, 25 The Terrace, WELLINGTON (NZ).

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

(72, 75) SCHLOTHAUER, Ralf-Christian [DE/DE]; Dorfstrasse 23, 25924 Emmelsbuell (DE). CARROLL, Tim [IE/NZ]; 51 Collingwood Street, PALMERSTON NORTH (NZ). DAVEY, Graham, Peter [NZ/NZ]; 23 Hardie Street, PALMERSTON NORTH (NZ). CHAN, Jessie, Rose [NZ/NZ]; 1517B Main Road North, SH2 Kaitoke, Upper Hutt, WELLINGTON (NZ).

(74) CALHOUN, Douglas, C. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, 1

- Post Office Square, Post Office Square, PO Box 949 (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).
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- (51)⁷ A23K 1/00, 1/16, 1/18
- (11) WO 02/085132 (13) A1
- (21) PCT/CA02/00545
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/286,276 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMPROVED ADDITIVE FOR LIVE-STOCK FEEDS
- ADDITIF PERFECTIONNE DESTINE A DES PRODUITS ALIMENTAIRES POUR LE BETAIL
- (71) THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; University Industry Liaison Office, 2194 Health Sciences Mail, IRC 331, Vancouver, British Columbia V6T 1Z3 (CA).
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- (72, 75) CHENG, Kuo-Joan [CA/CA]; #17-7695 St. Albans Road, Richmond, British Columbia V6Y 3W8 (CA). SOLA, José [ES/ES]; c/o Anselmo Clavé, 43 AT, Mollet del Vallés, E-08100 Barcelona (ES).
- (74) MBM & CO; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 A23K 1/16, 1/175, 1/18, 1/10, A23C 9/20, A23L 1/314, 1/30
- (11) WO 02/085133 (13) A1
- (21) PCT/CA02/00566
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,240 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A FOOD SUPPLEMENT CONTAINING ESSENTIAL FATTY ACIDS AND PRODUCTS THEREFROM
- COMPLEMENT NUTRITIF CONTENANT DES ACIDES GRAS ESSENTIELS ET PRODUITS DERIVES
- (71) OMEGANUTREL INC. [CA/CA]; 10 Caryndale Drive, Kitchener, Ontario N2R 1C7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEWART, James, F. [CA/CA]; 10 Caryndale Drive, Kitchener, Ontario N2R 1C7 (CA).
- (74) ERRATT, Judy, 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 A23K 1/18, 1/16
- (11) WO 02/085135 (13) A1
- (21) PCT/JP02/03763
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) ja (26) ja
- (30) 2001-122614 20 Apr/avr 2001 JP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CAROTENOID-CONTAINING FISH FEEDS HAVING POLYPHENOL ADDED THERETO
- ALIMENTS POUR POISSONS, CONTENANT DES CAROTENOIDES ET DES ADDITIFS SOUS FORME DE POLYPHENOL
- (71, 72) SAKIURA, Toshiyuki [JP/JP]; 50-6, SERIGAYA 5-CHOME, KONAN-KU, YOKOHAMA-SHI, Kanagawa 233-0006 (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).
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- (51)⁷ A23L
- (11) WO 02/085136 (13) A2
- (21) PCT/IB02/02166
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 01-031.383 23 Apr/avr 2001 CO (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF ENHANCING REPRODUCTIVE PERFORMANCE IN SOWS
- PROCEDE POUR AMELIORER LA PERFORMANCE REPRODUCTIVE CHEZ LES TRUIES
- (63) US 10/087,198 (CON) 1 Mar/mar 2002 (01.03.2002)
- (71) LONZA LTD. [CH/CH]; Münchensteinerstrasse 38, CH-4002 Basel (CH). KANSAS STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1500 Hayes Drive, Manhattan, KS 66502-3920 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REAL, Daryl [US/US]; 5601 Blue River Hills Road, Manhattan, KS 66503 (US). TOKACH, Michael, D. [US/US]; 1221 2600 Avenue, Abilene, KS 67410 (US). DRITZ, Steve, S. [US/US]; 1841 Virginia Drive, Manhattan, KS 66502 (US). NELSEN, Jim, L. [US/US]; 7234 Tuttle Creek Boulevard, Manhattan, KS 66503 (US). GOODBAND, Robert, D. [US/US]; 7661 Fairview Church Road, Manhattan, KS 66503 (US). WOODWORTH, Jason [US/US]; 117 NE 7th Street,

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MIXTURE FOR IMPROVING THE COOKING MEAT PRODUCTS AND PROCESS FOR ITS USE
- MELANGE POUR AMELIORER LES PRODUITS A BASE DE VIANDE DESTINES A LA CUISSON ET PROCEDE PERMETTANT DE L'UTILISER
- (71) TECNOALIMENTICA LTDA [CO/CO]; Carrera 39 No. 23-40, A.A. 12304 Bogotá, D.C. (CO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUARIN TORRES, Nhora [CO/CO]; Tecnoalimentica Ltda, Carrera 39 No. 23-40, A.A. 12304 Bogotá, D.C. (CO). BASTO OSPINA, Gustavo [CO/CO]; Tecnoalimentica Ltda, Carrera 39 No. 23-40, A.A. 12304 Bogotá, D.C. (CO).
- (74) LLOREDA LONDOÑO, José Antonio; Calle 72 No. 5-83 piso 5, A.A. 12304 Bogotá, D.C. (CO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A23L 1/025, 1/18, B65D 81/34
- (11) WO 02/085138 (13) A1
- (21) PCT/US02/10100
- (22) 29 Mar/mar 2002 (29.03.2002)
- (25) en (26) en
- (30) 09/839,715 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SWEET MICROWAVE POPCORN PRODUCT AND METHOD FOR PRODUCTION THEREOF
- POP-CORN MICRO-ONDES SUCRE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) CONAGRA GROCERY PRODUCTS COMPANY [US/US]; 3353 Michelson Drive, Irvine, CA 92612-0650 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RENINI, Lis, K. [US/US]; 7881 Viemount Court, Anaheim Hills, CA 92808 (US). BAKSHI, Amarjit, S. [US/US]; 5520 De La Croix Way, Yorba Linda, CA 92887 (US). PONTING, Caroline [US/US]; 20172 Westwind Court, Yorba Linda, CA 92886 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • POST-HARVEST TREATMENT OF FRUITS AND VEGETABLES USING ULTRAVIOLET IRRADIATION PULSES
- TRAITEMENT POST-RECOLTE DE FRUITS ET LEGUMES PAR IMPULSIONS DE RAYONNEMENTS ULTRAVIOLETS
- (71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOMÁS BARBERÁN, Francisco [ES/ES]; Ctro. de Edafología y Biología Aplicada del Segura, Consejo Superior de Investigaciones Científicas, Apartado 4195, E-30080 Murcia (ES). ESPÍN DE GEA, Juan Carlos [ES/ES]; Ctro. de Edafología y Biología Aplicada del Segura, Consejo Superior de Investigaciones Científicas, Apartado 4195, E-30080 Murcia (ES). CANTOS VILLAR, Emma [ES/ES]; Ctro. de Edafología y Biología Aplicada del Segura, Consejo Superior de Investigaciones Científicas, Apartado 4195, E-30080 Murcia (ES).
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- (74) NISHIKAWA, Yoshikiyo et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Daichiseimei Bldg., 5F, 1-12-17, Umeda, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (54) • BODY WEIGHT MANAGEMENT SYSTEM
- SYSTEME DE REGULATION DU POIDS CORPOREL
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) SAGEL, Paul, Joseph; 2535 Devon Avenue, Maineville, OH 45039 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 10 Apr/avr 2002 (10.04.2002)
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- (30) P20010052 23 Apr/avr 2001 AM (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOLOGICALLY ACTIVE DIETARY SUPPLEMENT AND METHOD OF ITS PREPARATION
- COMPLEMENT ALIMENTAIRE BIOLOGIQUEMENT ACTIF ET PROCEDE DE PREPARATION ASSOCIE
- (71, 72) GEVORGYAN, Khachik [AM/AM]; 23th Ogotosi str. 21, apt. 48, 378240 Artashat (AM). GABRIELIAN, Emil [AM/AM]; Moskovyan str. 31, apt.93, 375002 Yerevan (AM). PANOSYAN, Alexander [AM/AM]; Amiryan str. 3, apt 34, 375010 Yerevan (AM).
- (74) MANOUKIAN, Hovhannes; "Manoukian & Partners", Komitas str. 23/1, apt.29, 375012 Yerevan (AM).
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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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- (11) WO 02/085142 (13) A1
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FUNCTIONAL FOOD COMPRISING MICROCRYSTALLINE CHITOSAN AND SOY PROTEIN AND ITS MANUFACTURE
- ALIMENT FONCTIONNEL COMPRENANT DU CHITOSANE MICROCRISTALLIN ET DES PROTEINES DE SOJA, PROCEDE DE PREPARATION CORRESPONDANT
- (71) OY FINNSOYPRO LTD [FI/FI]; Taltatie 3, FIN-23500 Uusikaupunki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MEIDAN, Moshe [IL/IL]; Moshav Shdema 29, 76855 Israel (IL).
- (74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 6, FIN-33720 Tampere (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/085144 (13) A1
- (21) PCT/IT02/00240
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- (25) en (26) en
- (30) B02001A000227 18 Apr/avr 2001 IT (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • VARIABLE-CAPACITY STORE FOR ELONGATED ELEMENTS
- MAGASIN A CAPACITE VARIABLE DESTINE A DES ELEMENTS DE FORME ALLONGEE
- (71) G.D. SOCIETA' PER AZIONI [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPATAFORA, Mario [IT/IT]; Via del Lavoro, 56, I-40100 Bologna (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).
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- (30) 09/993,839 16 Nov/nov 2001 US (16.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RACE CAR DRIVER HELMET/HEAD RESTRAINT
- DISPOSITIF DE RETENUE DE LA TETE / DU CASQUE D'UN PILOTE DE COURSE
- (71) SAFETY SOLUTIONS, INC. [US/US]; 4030 Concord Parkway South, Concord, NC 28027 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASHLINE, Trevor, P. [US/US]; 3028 Wexford Drive, Rock Hill, SC 29730 (US).
- (74) EVERMAN, Gregory, R. et al. / etc.; Dougherty, Clements & Hofer, Suite 400, 6230 Fairview Road, Charlotte, NC 28210 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A24C 5/35, B65G 47/51
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- (21) PCT/IT02/00240
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- (25) en (26) en
- (30) B02001A000227 18 Apr/avr 2001 IT (18.04.2001)
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- (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43B 1/10, 3/00, 13/00, 13/12, 13/22, 13/38, 23/00
- (11) WO 02/085146 (13) A1
- (21) PCT/US02/12722
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/840,355 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A CLIMBING SHOE WITH CONCAVE SOLE
• CHAUSSURE D'ESCALADE A SEMELLE CONCAVE
- (71, 72) CHU, Young [US/US]; 9245 Santa Fe Springs Rd., Santa Fe Springs, CA 90670 (US).
- (74) PARK, John, K.; Park & Sutton LLP, 3255 Wilshire Boulevard, Suite 1110, Los Angeles, CA 90010 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/085147 (13) A1
- (21) PCT/US02/12537
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
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- (30) 10/125,219 18 Apr/avr 2002 US (18.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SLIP-ON SHOE
• CHAUSSURE A ENFILER
- (71, 72) WILKINSON, William, T. [US/US]; P.O. Box 73, Salem, NJ 08079 (US).
- (74) DONNELLY, Rex, A. et al. / etc.; Ratner & Prestia, P.O. Box 7228, Wilmington, DE 19803 (US).
- (81) 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).
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- (51)⁷ A43B 5/04, 5/16, 7/20
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- (21) PCT/EP02/04199
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- (25) en (26) en
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ARTICULATED REINFORCEMENT STRUCTURE AND FOOTWEAR PROVIDED WITH SUCH A STRUCTURE
• STRUCTURE DE RENFORT ARTICULEE ET CHAUSSURE PRESENTANT UNE TELLE STRUCTURE
- (71) TECNICA SPA [IT/IT]; Via Fante d'Italia, 56, I-31040 Giavera del Montello (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GABRIELLI, Andrea [IT/IT]; Via Fiamme Gialle, 7/A, I-38037 Predazzo (IT).
- (74) AGOSTINI, Agostino et al. / etc.; Dragotti & Associati Srl, Via Paris Bordone, 9, I-31100 Treviso (IT).
- (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)
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (21) PCT/EP02/04200
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- (25) en (26) en
- (30) TV2001A000051 23 Apr/avr 2001 IT (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SPORTS FOOTWEAR WITH IMPROVED FLEXIBILITY
• ARTICLE CHAUSSANT DE SPORT A SOUPLESSE AMELIOREE
- (71) TECNICA SPA [IT/IT]; Via Fante d'Italia, 56, I-31040 Giavera del Montello (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORGAN, Valentino [IT/IT]; Via S. Andrea, Frazione Nogaré, I-31035 Crocetta del Montello (IT).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (11) WO 02/085150 (13) A1
- (21) PCT/EP02/04293
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) TV01A000052 24 Apr/avr 2001 IT (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUPPORT FRAME, PARTICULARLY FOR SPORTS FOOTWEAR
• CADRE DE SUPPORT DESTINE NOTAMMENT A DES ARTICLES CHAUSSANTS DE SPORT
- (71) BENETTON GROUP S.P.A. [IT/IT]; Via Villa Minelli, 1, I-31050 Ponzano Veneto (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CAERAN, Francesco [IT/IT]; Via San Gaetano, 215, I-31044 Montebelluna (IT).
- (74) GIUGNI, Valter; Propria S.r.l., Via Mazzini, 13, I-33170 Pordenone (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/085151 (13) A1
- (21) PCT/EP02/02464
- (22) 6 Mar/mar 2002 (06.03.2002)
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- (30) 201 04 040.9 8 Mar/mar 2001 DE (08.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VENTILATING INSOLE
• SEMELLE INTERNE D'AERATION
- (71, 72) GIAMBALVO, Salvatore [IT/DE]; Rathausstrasse 10, 76593 Gernsbach (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 : (b)
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- (11) WO 02/085152 (13) A1
- (21) PCT/US02/12442
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/285,395 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HANDBAG HAVING FUNCTIONAL DEVICES SECURED BY MAGNETICALLY ATTRACTABLE DEVICES
• SAC A MAIN POSSEDANT DES DISPOSITIFS FONCTIONNELS FIXES PAR DES DISPOSITIFS MAGNETIQUES AIMANTES
- (71) ROSETTI HANDBAGS & ACCESSORIES, LTD. [US/US]; 10 West 33rd Street, Suite 312, New York, NY 10001 (US).

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

(72, 75) CHEN, Chi, Yueh [CN/CN]; 20-3 Fi, An-Ho Road, Sec.2, Taipei, Taiwan (CN). HERSH, Aharon [US/US]; 2310 Avenue R, Brooklyn, NY 11299 (US).

(74) CATANZARO, Joseph, J.; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).

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

(51)⁷ A45D 40/16, A61K 7/00, B29C 39/12

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(21) PCT/US02/04396

(22) 14 Feb/fév 2002 (14.02.2002)

(25) en (26) en

(30) 09/784,493 15 Feb/fév 2001 US (15.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF MANUFACTURING PERSONAL CARE PRODUCTS
• PROCEDES DE FABRICATION DE PRODUITS DE SOINS PERSONNELS

(63) US 09/784,493 (CON) 15 Feb/fév 2001 (15.02.2001)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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(72, 75) GROSZ, Ron [US/US]; 30 Burtt Rd., Andover, MA 01810 (US). MOLONEY, Michael, J. [US/US]; 60 Mill Lane Road, Brimfield, MA 01010 (US). BLANCHETTE, David [US/US]; 16 Trenton Street, Methuen, MA 01844 (US). KLEINRATH, Robert [US/US]; 266 Spring Street, Hanover, MA 02339 (US). SOLAN, James, L. [US/US]; 14809 Lake Terrace, Rockville, MD 20853 (US). VAN DER LEE, Hermes [US/US]; 1008 Ashland Drive, Ashton, MD 20861 (US). GALANTE, Cheryl, L. [US/US]; 870 Summer Street, Marshfield, MA 02050 (US).

(74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A46B 9/04, A61C 17/00

(11) WO 02/085154 (13) A1

(21) PCT/GB01/05137

(22) 21 Nov/nov 2001 (21.11.2001)

(25) en (26) en

(30) 0109677.5 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A DEVICE FOR CLEANING THEETH
• DISPOSITIF DE NETTOYAGE DES DENTS

(71, 72) KEAVENEY, Enda [IE/GB]; 2 Horseshoe Lane, Enfield, Middlesex EN2 6PY (GB).

(74) FRANKLAND, Nigel, H.; 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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A46B 11/00, B43M 11/00, A45D 33/00, 40/30, 40/26, 40/24, B43K 29/00

(11) WO 02/085155 (13) A1

(21) PCT/US02/13022

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 29/140,849 25 Apr/avr 2001 US (25.04.2001)

(30) 10/104,858 22 Mar/mar 2002 US (22.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DECORATIVE CONTAINER WITH APPLICATOR
• RECIPIENT DECORATIF AVEC APPLICATEUR

(71) SOL, Majer [US/US]; Worldwide Cosmetics, 1222 Sherman Way, North Hollywood, CA 91605 (US).

(72) LOUIS, Donna, M.; Worldwide Cosmetics, 1222 Sherman Way, North Hollywood, CA 91605 (US). MOORE, Stephanie; Worldwide Cosmetics, 1222 Sherman Way, North Hollywood, CA 91605 (US).

(74) SAIDMAN, Perry, J.; Saidman Design Law Group, 1110 Bonifant Street, Suite 510, Silver Spring, MD 20910 (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 A47B

(11) WO 02/085156 (13) A2

(21) PCT/US01/51294

(22) 25 Jan/jan 2002 (25.01.2002)

(25) en (26) en

(30) 60/285,305 20 Apr/avr 2001 US (20.04.2001)

(30) 10/005,937 5 Dec/déc 2001 US (05.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SCREW BOSSES FOR BLOW-MOLDED STRUCTURES

• EMBLACEMENT DE VIS POUR STRUCTURES MOULEES PAR SOUFFLAGE

(71) LIFETIME PRODUCTS, INC. [US/US]; P.O. Box 160010, Freeport Center, Bldg. D-11, Clearfield, UT 84016-0010 (US).

(72) HANEY, Thayne; 1463 South Evalin Circle, Syracuse, UT 84075 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/04

(11) WO 02/085157 (13) A1

(21) PCT/GB02/01730

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 0109636.1 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVEMENTS IN AND RELATING TO HEIGHT ADJUSTABLE FURNITURE

• AMELIORATIONS CONCERNANT DES MEUBLES REGLABLES EN HAUTEUR

(71) ATKINSON VARI-TECH LIMITED [GB/GB]; Unit 4, Sett End Road, Shadsworth, Blackburn, Lancashire BB1 2PT (GB).

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

(72, 75) ATKINSON, Stephen [GB/GB]; Unit 4, Sett End Road, Shadsworth, Blackburn, Lancashire BB1 2PT (GB).

(74) NEILL, Alastair, William et al. / etc.; Applayard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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

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

Published / Publiée : (c)

(51)⁷ A47B 21/00

(11) WO 02/085158 (13) A1

(21) PCT/EP02/04256

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 20 106.0 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WORK TABLE
• TABLE DE TRAVAIL

(71) ERICH KELLER AG [CH/CH]; 17, Ro-
manshornstrasse, CH-8583 Sulgen (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KELLER, Erich [CH/CH]; 16,
Thurberg, CH-9565 Bussnang (CH).

(74) WEISS, Peter; 4, Zeppelinstrasse, 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 A47B 57/54, 57/26

(11) WO 02/085159 (13) A1

(21) PCT/EP02/04401

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 19 902.3 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SHELF SYSTEM
• SYSTEME D'ETAGERES

(71) DORMA GMBH + CO. KG [DE/DE];
Breckerfelder Strasse 42-48, 58256 En-
nepetal (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ELMER, Hubert [AT/AT]; Valiergasse
10, A-6020 Innsbruck (AT).

(74) GINZEL, Lothar; Dorma GmbH + Co. KG,
Breckerfelder Strasse 42-48, 58256 Ennepetal
(DE).

(81) CZ EE JP LT LV NO PL 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 A47B 73/00

(11) WO 02/085160 (13) A1

(21) PCT/AU02/00493

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4529 20 Apr/avr 2001 AU
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A MODULE FOR A STRUCTURE
• MODULE POUR STRUCTURE

(71, 72) RHODES, William [AU/AU]; 503/109
Darling Point Road, Darling Point, New
South Wales 2027 (AU).

(74) GRIFFITH HACK; Level 10, 167 Eagle
Street, Brisbane, Queensland 4001 (AU).

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

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

(51)⁷ A47B 88/00

(11) WO 02/085161 (13) A1

(21) PCT/US01/12882

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REFRIGERATOR SHELIVING SYSTEM
• SYSTEME DE RANGEMENT POUR
REGRIGERATEUR

(71, 72) VERTULLO, Nicholas, L. [US/US]; 34
Smith Hill Road, Monsey, NY 10952 (US).

(74) JACOB, Arthur; 25 East Salem Street, P.O.
Box 686, Hackensack, NJ 07602 (US).

(81) 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 A47B 96/14

(11) WO 02/085162 (13) A2

(21) PCT/EP02/04454

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 20 004.8 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FIXING ELEMENT FOR ROD-LIKE
COMPONENTS
• ELEMENT DE FIXATION POUR
PIECES EN FORME DE BARRE

(71) DORMA GMBH + CO. KG [DE/DE];
Breckerfelder Strasse 42-48, 58256 En-
nepetal (DE).

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

(72, 75) ELMER, Hubert [AT/AT]; Valiergasse
10, A-6020 Innsbruck (AT).

(74) GINZEL, Lothar; Dorma GmbH + Co.
KG, Breckerfelder Strasse 42-48, 58256 En-
nepetal (DE).

(81) CZ EE JP LT LV 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 A47C 7/00, 7/02, 27/14

(11) WO 02/085163 (13) A1

(21) PCT/JP02/03482

(22) 8 Apr/avr 2002 (08.04.2002)

(25) ja (26) ja

(30) 2001-117462 16 Apr/avr 2001 JP
(16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SHEET FOR VEHICLE AND METHOD
FOR MANUFACTURE THEREOF
• ENVELOPPE POUR AUTOMOBILE ET
PROCEDE DE FABRICATION ASSO-
CIE

(71) TS TECH CO., LTD [JP/JP]; 7-27,
Sakaecho 3-chome, Asaka-shi, Saitama
351-0012 (JP). HONDA GIKEN KOGYO
KABUSHIKI KAISHA [JP/JP]; 1-1, Mi-
namiaoyama 2-chome, Minato-ku, Tokyo
107-0062 (JP).

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

(72, 75) NAKAMURA, Mitsumasa [JP/JP];
1-8-25, Nakane, Meguro-ku, Tokyo
152-0031 (JP).

(74) AKIYAMA, Atsushi et al. / etc.; Tomoe-
cho Annex II, 8-27, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-0001 (JP).

(81) BR CA CN KR US.

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

(51)⁷ A47C 20/04, A61G 7/00

(11) WO 02/085164 (13) A1

(21) PCT/US02/11237

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/839,090 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BED FRAME WITH REDUCED-SHEAR
PIVOT
• CHASSIS DE LIT AVEC PIVOT A CI-
SAILLEMENT REDUIT

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

(72) PEREZ, Timothy, W.; P.O. Box 13264,
James Island, SC 29422 (US). SOLTANI,
Sohrab; 118 Smith Street, Charleston, SC
29403 (US). ROMANO, James, J.; 135
Oyster Point Row, James Island, SC 29412
(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).

Published / Publiée : (a)

(51)⁷ A47C 27/14, 27/00, 27/12

(11) WO 02/085165 (13) A1

(21) PCT/GR02/00026

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 20010100215 24 Apr/avr 2001 GR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MATTRESS WITH CAVITIES FOR NESTING PROTRUDING BODY PARTS
• MATELAS A CAVITES DESTINE A RECEVOIR DES PARTIES SAILLANTES DU CORPS

(71) CALINO S.A. [GR/GR]; 60, Stadiou Str., GR-105 64 Athens (GR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ANAGNOSTOPOULOS, Panagiotis [GR/GR]; 60, Stadiou Str., GR-105 64 Athens (GR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A47F 1/12, 5/11

(11) WO 02/085166 (13) A1

(21) PCT/EP02/03171

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/278,499 23 Mar/mar 2001 US (23.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER FOR HOLDING AND DISPENSING PRODUCT

• CONTENANT PERMETTANT DE LOGER ET DE DISTRIBUER UN PRODUIT

(71) SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; Boîte Postale 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, Harold [US/US]; 4707 N. Hearherwood Dr., St. Joseph, MO 64506 (US). THOMPSON, William, Eugene [US/US]; 6109 North 27th Terrace, ST. Joseph, MO 64505 (US).

(74) ASHBY, Kevin; Société des Produits Nestlé S.A., 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 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW EP (AT BE 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 : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW EP (AT BE 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 A47G

(11) WO 02/085167 (13) A2

(21) PCT/US02/12457

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/843,088 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INVERTIBLE FOOD CONTAINER

• RECIPIENT ALIMENTAIRE RENVERSABLE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) TOUSSANT, John, William; 8169 Shadybrook Drive, West Chester, OH 45069 (US).

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

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

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

Declarations / Déclarations :

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

(51)⁷ A47J 17/02

(11) WO 02/085168 (13) A1

(21) PCT/US02/11442

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/839,027 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HAND-HELD FOOD PROCESSOR

• ROBOT DE CUISINE MANUEL

(71) CHEF'N CORPORATION [TZ/US]; Suite 555, 2003 Western Avenue, Market Place One, Seattle, WA 98121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLCOMB, David, A. [US/US]; 10520 Valmay Avenue NW, Seattle, WA 98177 (US). STEWART, Joshua, R. [US/US]; 11007 Second Avenue NW, Seattle, WA 98177 (US).

(74) COSTANZA, Kevin, S. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/00

(11) WO 02/085169 (13) A2

(21) PCT/GB02/01886

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109950.6 23 Apr/avr 2001 GB (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRIC HEATERS
• RADIATEURS ELECTRIQUES

(71) STRIX LIMITED [GB/GB]; Forrest Street, Ronaldsway, Isle of Man IM9 2RG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSTON, Simon, Richard [GB/GB]; Balleyreggey, Four Road, Port St. Mary, Isle of Man IM9 5LQ (GB).

(74) FRANK B. DEHN & CO.; 179 Queen Victoria Street, London EC4V 4EL (GB).

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

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

(51)⁷ A47J 31/00

(11) WO 02/085170 (13) A2

(21) PCT/US02/12291

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,454 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM FOR MONITORING AND CONTROLLING THE OPERATION OF A SINGLE SERVE BEVERAGE BREWER

• SYSTEME PERMETTANT DE CONTROLER ET COMMANDER LE FONCTIONNEMENT D'UN INFUSEUR DE BOISSON A LA TASSE

(71) KEURIG, INCORPORATED [US/US]; 101 Edgewater Drive, Wakefield, MA 01880 (US).

(72) DUFFY, Brendan; 8 Walldingfield, Georgetown, MA 01833 (US). WINKLER, Karl, T.;

5 Lido Lane, Bedford, MA 01730 (US). HONAN, David, G.; 55 Everett Street, Concord, MA 01742 (US). TAYLOR, Jon; 4 Augustine Road, Groton, MA 01450 (US). STOKES, Peter, L.; 271 North Street #4, Boston, MA 02113 (US).

(74) GAUTHIER, Maurice, E.; Samuels, Gauthier & Stevens, LLP, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 36/28

(11) WO 02/085171 (13) A1

(21) PCT/GB02/01864

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0110050.2 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STEAM GENERATOR
• GENERATEUR DE VAPEUR

(71) THERMOTIC DEVELOPMENTS LIMITED [GB/GB]; 74 High Street, Bruton, Somerset BA10 0AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEARLE, Matthew, John [GB/GB]; 74 High Street, Bruton, Somerset BA10 0AJ (GB).

(74) NEOBARD, William, 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).

Published / Publiée : (c)

(51)⁷ A47K 3/02

(11) WO 02/085172 (13) A1

(21) PCT/US02/11960

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/841,410 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TUB FOR PHYSICALLY HANDICAPPED PERSONS
• BAIGNOIRE POUR PERSONNES HANDICAPÉES

(71, 72) SEVIER, Robert, E. [US/US]; 44 Sturbridge Lane, Greensboro, NC 27408 (US).

(74) RHODES, Robert, C. et al. / etc.; Womble Carlyle Sandridge & Rice, PLLC, Suite 1900, 300 N. Greene Street, Greensboro, NC 27401 (US).

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

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

Published / Publiée : (c)

(51)⁷ A47K 13/10

(11) WO 02/085173 (13) A1

(21) PCT/DK02/00165

(22) 13 Mar/mar 2002 (13.03.2002)

(25) da (26) en

(30) PA 2001 00542 2 Apr/avr 2001 DK (02.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOILET SEAT AND LID HANDLE
• POIGNEE POUR SIEGE ET COUVERCLE DE TOILETTE

(71, 72) PETERSEN, Peter, Leif, Tronborg [DK/DK]; Stranogade 57, st., - 114, DK-1401 Copenhagen K (DK).

(81) AT AU BA BG BR BY CA CH CN CZ DE DK ES FI GB HR HU IL IN JP LU LV MX NO NZ PL PT RO RU SE SG SI SK UA US ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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

(51)⁷ A47L 9/02, 9/06

(11) WO 02/085174 (13) A1

(21) PCT/FR02/01288

(22) 12 Apr/avr 2002 (12.04.2002)

(25) fr (26) fr

(30) 01/05585 25 Apr/avr 2001 FR (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENDPIECE FOR A VACUUM CLEANER
• EMBOUT POUR ASPIRATEUR

(71) ALDES AERAILIQUE [FR/FR]; 20, boulevard Joliot-Curie, F-69200 Vénissieux (FR).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLARD-LATOUR, Franck [FR/FR]; 3, place de l'Eglise, F-69570 Dardilly (FR). DIDIERJEAN, Manuel [FR/FR]; 213, avenue Jean Jaurès, F-69007 Lyon (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)
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- (51)⁷ A47L 9/10
- (11) WO 02/085175 (13) A1
- (21) PCT/FR02/00954
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) fr (26) fr
- (30) 01/04826 9 Apr/avr 2001 FR (09.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE FOR COMPACTING WASTE IN A VACUUM CLEANER
- DISPOSITIF DE COMPACTAGE DES DECHETS DANS UN ASPIRATEUR
- (71) SEB S.A. [FR/FR]; Les 4M, Chemin du Petit Bois, F-69130 Ecully (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURON, Jacky [FR/FR]; 129, route des Ecoles, F-27950 La Chapelle Reanville (FR). SOEN, Alain [FR/FR]; 13, rue du Clos Perelle, F-27950 Saint Marcel (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A47L 11/16, 11/03, 11/283
- (11) WO 02/085176 (13) A1
- (21) PCT/JP02/03637
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) ja (26) ja
- (30) 2001-122473 20 Apr/avr 2001 JP (20.04.2001)
- (30) 2001-225423 26 Jul/juil 2001 JP (26.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRIC CLEAN WIPING DEVICE
- DISPOSITIF ELECTRIQUE DE NETTOYAGE
- (71) TOMINAGA MFG.CO. [JP/JP]; 88, Nishinokiyominamiryo-machi, Nakagyo-ku, Kyoto-Shi, Kyoto 604-8493 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OYOKOTA, Shigeru [JP/JP]; c/o TOMINAGA MFG.CO., 88, Nishinokiyominamiryo-machi, Nakagyo-ku, Kyoto-Shi, Kyoto 604-8493 (JP). YAMAUCHI, Hiroaki [JP/JP]; c/o TOMINAGA MFG.CO., 88, Nishinokiyominamiryo-machi, Nakagyo-ku, Kyoto-Shi, Kyoto 604-8493 (JP). YAMAMOTO, Takahiro [JP/JP]; c/o TOMINAGA MFG.CO., 88, Nishinokiyominamiryo-machi, Nakagyo-ku, Kyoto-Shi, Kyoto 604-8493 (JP). KAWATA, Yoshiko [JP/JP]; c/o TOMINAGA MFG.CO., 88, Nishinokiyominamiryo-machi, Nakagyo-ku, Kyoto-Shi, Kyoto 604-8493 (JP).
- (74) YAMAMURA, Yoshinobu; YAMAMURA, KOEI Bldg. 2-2, Ekimae 3-chome, Ibaraki-Shi, Osaka 567-0888 (JP).
- (81) AT AU CA CH CN DE DK ES FI GB KR LU NO NZ PT SE SG US.
- (84) EP (AT BE CH DE DK ES FI FR GB IE IT LU MC NL PT SE).
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- (51)⁷ A47L 13/18, 25/00, B65D 30/06
- (11) WO 02/085177 (13) A1
- (21) PCT/US02/10145
- (22) 29 Mar/mar 2002 (29.03.2002)
- (25) en (26) en
- (30) 60/285,310 23 Apr/avr 2001 US (23.04.2001)
- (30) 09/955,816 19 Sep/sep 2001 US (19.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VEGETABLE AND FRUIT CLEANING TOOL
- OUTIL DE NETTOYAGE DE FRUITS ET LEGUMES
- (71, 72) LEWIS, Davidson [US/US]; P.O. Box 1059, Nederland, CO 80466 (US). FELDMAN, Eric [US/US]; 2577 Buyrn Circle, Virginia Beach, VA 23456 (US).
- (74) CHASTEEN, Kimberly, Ann; Williams Mullen, One Old Oyster Point Road, Suite 210, Newport News, VA 23602 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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
- (11) WO 02/085179 (13) A2
- (21) PCT/US02/11663
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) en (26) en
- (30) 60/284,646 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CHOKING ASSISTANCE DEVICE
- DISPOSITIF DE SECOURS UTILISE EN CAS D'OBSTRUCTION DES VOIES AERIENNES
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B
- (11) WO 02/085178 (13) A2
- (21) PCT/IL02/00311
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,918 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR NON-INVASIVE ULTRASONIC IMAGING OF HARD TISSUE
- PROCEDE ET DISPOSITIF D'IMAGERIE ULTRASONIQUE NON INVASIVE DE TISSU DUR
- (71) IMADENT LTD. [IL/IL]; Pekeris St. 4, 76702 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANISIMOV, Victor [RU/RU]; Malaya Karpatskaya St., 12, Apt. 230, St. Petersburg (RU). COHEN, Dan [IL/IL]; Tzipornit St. 6, 71700 Modiin (IL). EFIMOV, Sergei [IL/IL]; Tzahal St. 63/7, 35515 Haifa (IL). EITAN, Alon [IL/IL]; Peretz Hayot St. 30, 63262 Tel Aviv (IL). HAAS, Nadav [IL/IL]; Haseora St. 43, 79411 Merkaz Shapira (IL). JACOBY, Yuval [IL/IL]; Epstein St. 111, 62962 Tel Aviv (IL). OCHERASHVILI, Aharon [IL/IL]; Balfour St. 42, 59371 Bat Yam (IL). PASSI, Garri [IL/IL]; Nachal Lachish 33/31, 77707 Ashdod (IL). PER-SHITZ, Boris [IL/IL]; P.O. Box 171, 44925 Moshav (IL). SHAY-EL, Yuval [IL/IL]; Grandos St. 19, 52326 Ramat Gan (IL). SMIRNOV, Pavel [IL/IL]; Rashi St. 31, 75308 Rishon Letzion (IL). STEIN, Uri [IL/IL]; Barkan St. 46, 48610 Rosh Haayin (IL).
- (74) FRIEDMAN, Mark, M.; Beit Samuclloff, Haomanim St. 7, 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 A61B
- (11) WO 02/085179 (13) A2
- (21) PCT/US02/11663
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) en (26) en
- (30) 60/284,646 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CHOKING ASSISTANCE DEVICE
- DISPOSITIF DE SECOURS UTILISE EN CAS D'OBSTRUCTION DES VOIES AERIENNES

(71, 72) **KARPEL, Louis, M.** [US/US]; 62 Bug-gywhip Trail, Honeoye Falls, NY 14472 (US).

(74) **SCOTT, Steven, R.** et al. / etc.; Eugene, Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX 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 A61B

(11) **WO 02/085180** (13) A2

(21) PCT/US02/12017

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en (26) en

(30) 60/284,622 **18 Apr/avr 2001 US (18.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VASECTOMY PROCEDURE AND RELATED KIT

• OPERATION DE VASECTOMIE ET KIT CORRESPONDANT

(71) **FAMILY HEALTH INTERNATIONAL** [US/US]; 2224 Chapel Hill-Nelson Highway, Durham, NC 27713 (US).

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

(72, 75) **SOKAL, David, C.** [US/US]; 710 Constitution Drive, Unit C, Durham, NC 27705 (US). **GOLDSTEIN, Marc** [US/US]; 407 E. 91st Street, Apt. 5F, New York, NY 10128 (US).

(74) **CORD, Janet, I.** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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 A61B

(11) **WO 02/085181** (13) A2

(21) PCT/US02/12127

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) 09/837,624 **18 Apr/avr 2001 US (18.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FACET FIXATION DEVICES

• DISPOSITIFS DE FIXATION DE FACETTES

(71) **BLACKSTONE MEDICAL, INC.** [US/US]; 90 Brookdale Drive, Springfield, MA 01104 (US).

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

(72, 75) **DUDASIK, Michael** [US/US]; 29 Daily Street, Nutley, NJ 07110 (US).

(74) **DANYKO, Richard, J.**; Dreier & Baritz LLP, 499 Park 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 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 A61B

(11) **WO 02/085182** (13) A2

(21) PCT/US02/12187

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en (26) en

(30) 09/837,594 **18 Apr/avr 2001 US (18.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR ATTACHING A GRAFT LIGAMENT TO A BONE

• PROCEDE ET DISPOSITIF DE FIXATION D'UN GREFFON LIGAMENTAIRE SUR UN OS

(71) **MEDICINELODGE, INC.** [US/US]; 180 South 600 West, Logan, UT 84321 (US).

(72) **GOBLE, E., Marlowe**; 5 West Blair Road,, Alta, WY 83452 (US). **FALLIN, T., Wade**; 210 East 200 South, Hyde Park, UT 84318 (US). **GARDNER, Kenneth, J.**; 58 North 470 East, Smithfield, UT 84335 (US).

(74) **SHERIDAN, James, A.**; 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG VZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085183** (13) A2

(21) PCT/US02/12201

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en

(26) en

(30) 60/285,446 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BLADDER FOR USE IN A DAMPING DEVICE

• VESSIE UTILISEE DANS UN DISPOSITIF D'AMORTISSEMENT

(71) **PROGRESSIVE SUSPENSION, INC.** [US/US]; 11129 G Avenue, Hesperia, CA 92345 (US).

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

(72, 75) **HODGSON, Scott** [US/US]; 14223 Sky View Lane, Apple Valley, CA 92307 (US).

(74) **WEINSTEIN, Peter, D.** et al. / etc.; Brobeck, Phleger & Harrison LLP, 12390 El Camino Real, San Diego, CA 92131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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 A61B

(11) **WO 02/085184** (13) A2

(21) PCT/US02/12278

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,112 **20 Apr/avr 2001 US (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR REDUCING EFFECTS OF ROTATIONAL MOTION

• SYSTEME ET PROCEDE DE REDUCTION DES EFFETS D'UN MOUVEMENT ROTATIF

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 2109 Adelbert Road, Cleveland, OH 44106 (US).

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

(72, 75) **DUERK, Jeffrey, L.** [US/US]; 519 Rockwood Court, Avon Lake, OH 44012 (US). **SHANKARANARAYANAN, Ajit** [IN/US]; 13855 Superior Road, East Cleveland, OH 44118 (US). **WENDT, Michael** [DE/US]; 186 Wood Avenue, Iselin, NJ 08830 (US). **LEWIN, Jonathan, S.** [US/US]; 24604 Letchworth Road, Beachwood, OH 44122 (US).

(74) **LONGMUIR, Jeanne, E.** 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ A61B
(11) WO 02/085185 (13) A2
(21) PCT/US02/12329
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/284,527 19 Apr/avr 2001 US
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • HYDROPHILIC DIAGNOSTIC DE-
VICES FOR USE IN THE ASSAYING
OF BIOLOGICAL FLUIDS
• DISPOSITIFS DIAGNOSTIQUES HY-
DROPHILES UTILISES DANS L'ANA-
LYSE DE FLUIDES BIOLOGIQUES
(71) ADHESIVES RESEARCH, INC. [US/US];
P.O. Box 100, Glen Rock, PA (US).
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les États désignés sauf US)
(72, 75) MEATHREL, William, G. [CA/US];
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HAND, Herbert, M., Sr. [US/US]; 806
Chambers Circle, Bel Air, MD 21014 (US).
SU, Li-Hung [—/US]; 25 Parkview Drive,
Loganville, PA 17342 (US).
(74) HELLWEGE, James, W.; Birch, Stewart,
Kolasch & Birch, LLP, P.O. Box 747, Falls
Church, VA (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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
(11) WO 02/085186 (13) A2
(21) PCT/US02/12478
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,631 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PROSTHETIC EYELASHES
• CILS ARTIFICIELS
(71, 72) GODFREY, Yvonne [US/US]; 29 Val-
ley Street, Lake Ronkonkoma, NY 11779
(US).
- (74) STIEFEL, Maurice, B. et al. / etc.; Bryan
Cave LLP, 245 Park Avenue, New York, NY
10167 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 A61B
(11) WO 02/085187 (13) A2
(21) PCT/US02/12513
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,257 20 Apr/avr 2001 US
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • RADIOLUCENT RETRACTOR AND
RELATED COMPONENTS
• ECARTEUR ET ELEMENTS COR-
RESPONDANTS PERMEABLES AUX
RAYONS X
(71) OHIO MEDICAL INSTRUMENT COM-
PANY, INC. [US/US]; 4900 Charlemar
Drive, Cincinnati, OH 45227 (US).
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les États désignés sauf US)
(72, 75) DINKLER, Charles, E. [US/US]; 1137
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Ashgrove Drive, Cincinnati, OH 45244 (US).
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(74) EBY, Richard, C. et al. / etc.; Wood, Herron
& Evans, L.L.P., 2700 Carew Tower, Cincin-
nati, OH 45202 (US).
(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).
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- (51)⁷ A61B
(11) WO 02/085188 (13) A2
(21) PCT/US02/12654
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/285,959 24 Apr/avr 2001 US
(24.04.2001)
(30) 60/301,031 26 Jun/juin 2001 US
(26.06.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEFLECTABLE IMPLANTATION DE-
VICE AND METHOD FOR USE
• DISPOSITIF D'IMPLANTATION
FLEXIBLE ET SON PROCEDE D'UTI-
LISATION
(71, 72) KAPLAN, Edward, J. [US/US]; 21283
Rockledge Lane, Boca Raton, FL 33428 (US).
- (74) PABST, Patrea, L. et al. / etc.; Holland
& Knight, LLP, One Atlantic Center, 1201
West Peachtree Street, Suite 2000, Atlanta,
GA 30309-3400 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/085189 (13) A2
(21) PCT/US02/12660
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/285,422 20 Apr/avr 2001 US
(20.04.2001)
(30) 10/125,983 19 Apr/avr 2002 US
(19.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ARTIFACT SUPPRESSION IN DY-
NAMIC MAGNETIC RESONANCE
IMAGING
• SUPPRESSION DES ARTEFACTS EN
IMAGERIE PAR RESONANCE MA-
GNETIQUE DYNAMIQUE
(71) THE BRIGHAM AND WOMEN'S HOS-
PITAL, INC. [US/US]; 75 Francis Street,
Boston, MA 02115 (US).
(72) MADORE, Bruno; 92 Toxeth Street, Brook-
line, MA 02446 (US).
(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Fer-
ris, Glovsky and Popeo, P.C., One Financial
Center, Boston, MA 02111 (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
(11) WO 02/085190 (13) A2
(21) PCT/US02/12703
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 60/285,707 24 Apr/avr 2001 US
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MAGNETIC PELLETS AND EXTER-
NAL ELECTROMAGNETIC DEVICE
FOR ASSISTING LEFT VENTRICU-
LAR CONTRACTION, METHOD OF
PELLET INSERTION, AND METHOD
OF VENTRICULAR ELECTROMAG-
NETIC ASSISTANCE
• DISPOSITIFS MAGNETIQUES ET DIS-
POSITIF ELECTROMAGNETIQUE
EXTERIEUR D'AIDE A LA CONTRAC-
TION VENTRICULAIRE GAUCHE,
PROCEDE D'INSERTION DE DISPO-
SITIFS, ET PROCEDE D'ASSISTANCE

ELECTOMAGNETIQUE VENTRICULAIRE

(71, 72) KIM, Young, D. [US/US]; 1008 Gelston Circle, McLean, VA 22102 (US).

(74) QUILLIN, George, E. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085191 (13) A2

(21) PCT/US02/12914

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,834 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PULSE OXIMETRY DEVICE AND METHOD

• DISPOSITIF ET PROCÉDE D'OXYMÉTRIE PULSEE

(71, 72) O'MARA, Sean, T. [US/US]; 18555 Brigantine Creek, San Antonio, TX 78259 (US).

(74) COOK, Dale, R. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085192 (13) A2

(21) PCT/US02/12996

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,845 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVEMENTS IN ABLATION THERAPY

• PERFECTIONNEMENTS DES TRAITEMENTS PAR ABLATION

(71) TRANSURGICAL, INC. [US/US]; 220 Belle Meade Road, Suite 2, Setauket, NY 11733 (US).

(72) ACKER, David, E.; 27 Tavern Way, Setauket, NY 11733 (US).

(74) MILLET, Marcus, J. et al. / etc.; Lerner, David, Littenberg, 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

(11) WO 02/085193 (13) A2

(21) PCT/US02/13034

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/287,095 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICROSENSOR FOR PHYSIOLOGICAL PRESSURE MEASUREMENT

• MICRODETECTEUR CONÇU POUR MESURER LA PRESSION PHYSIOLOGIQUE

(63) US 60/287,095 (CON) 25 Apr/avr 2001 (25.04.2001)

(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) KAUFMAN, Kenton, R. [US/US]; 2629 Mayowood Lane S.W., Rochester, MN 55902-3516 (US). WAWERING, Thomas [US/US]; 3147 Crossfield Lane, Charlottesville, VA 22911 (US).

(74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/05

(11) WO 02/085194 (13) A1

(21) PCT/US02/13005

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,193 20 Apr/avr 2001 US (20.04.2001)

(30) 60/300,107 22 Jun/juin 2001 US (22.06.2001)

(30) 60/344,648 31 Dec/déc 2001 US (31.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGING DEVICE

• DISPOSITIF D'IMAGERIE

(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).

(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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 5/00

(11) WO 02/085195 (13) A2

(21) PCT/GB02/01928

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109930.8 23 Apr/avr 2001 GB (23.04.2001)

(30) 0117428.3 17 Jul/juil 2001 GB (17.07.2001)

(30) 60/307,015 20 Jul/juil 2001 US (20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR ANALYSIS OF SPECTRAL DATA AND THEIR APPLICATIONS: OSTEOARTHRITIS

• PROCÉDES D'ANALYSES DE DONNÉES SPECTRALES ET LEURS APPLICATIONS: L'ARTHROSE

(71) METABOMETRIX LIMITED [GB/GB]; RSM, Prince Consort Road, London, Greater London SW7 2BP (GB).

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(72, 75) NICHOLSON, Jeremy, Kirk [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7

2BP (GB). **HOLMES, Elaine** [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). **LINDON, John, Christopher** [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). **BRINDLE, Joanne, Tracey** [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). **GRAINGER, David, John** [GB/GB]; TCP Innovations Limited, 9 St John's Street, Duxford, Cambridge CB2 4RA (GB).

(74) **BRASNETT, Adrian, H.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, 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).

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

(51)⁷ **A61B 5/00, 6/00, G06F 19/00**

(11) **WO 02/085196** (13) A1

(21) PCT/IB02/01189

(22) **4 Apr/avr 2002 (04.04.2002)**

(25) en (26) en

(30) 01201354.6 **13 Apr/avr 2001 EP (13.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **MEDICAL DIAGNOSTIC SYSTEM**
• SYSTEME DE DIAGNOSTIC MEDICAL

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

(72) **PRONK, Bernardus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CANJELS, Ivo, J., M.**; 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.

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

(51)⁷ **A61B 5/00**

(11) **WO 02/085197** (13) A1

(21) PCT/US02/12150

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) 60/285,004 **19 Apr/avr 2001 US (19.04.2001)**

(30) 10/008,392 **13 Nov/nov 2001 US (13.11.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **THERMAL IMAGE ANALYSIS FOR POLYGRAPH TESTING**
• ANALYSE D'IMAGES THERMIQUES POUR EXAMEN POLYGRAPHIQUE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **PAVLIDIS, Joannis**; 5440 Columbus Avenue South, Minneapolis, MN 55417 (US).

(74) **ROGER, H., Criss**; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (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).

(51)⁷ **A61B 5/00**

(11) **WO 02/085198** (13) A1

(21) PCT/US02/12199

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) 60/285,004 **19 Apr/avr 2001 US (19.04.2001)**

(30) 10/008,786 **13 Nov/nov 2001 US (13.11.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **THERMAL IMAGE ANALYSIS FOR POLYGRAPH TESTING**
• ANALYSE D'IMAGE THERMIQUE POUR EXAMEN POLYGRAPHIQUE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **PAVLIDIS, Joannis**; 5440 Columbus Avenue South, Minneapolis, MN 55417 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/00**

(11) **WO 02/085199** (13) A2

(21) PCT/US02/12382

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en (26) en

(30) 09/841,218 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **SYSTEMS AND METHODS FOR BREATHING EXERCISE REGIMENS TO PROMOTE ISCHEMIC PRECONDITIONING**

• SYSTEMES ET PROCEDES POUR DES SCHEMAS D'EXERCICES RESPIRATOIRES AFIN DE PROMOUVOIR LE PRECONDITIONNMENT ISCHEMIQUE

(71) **LIFEWAVES INTERNATIONAL, INC.** [US/US]; 7 Fieldview Lane, Califon, NJ 07830 (US).

(72) **DARDIK, Irving, I.**; 7 Fieldview Lane, Califon, NJ 07830 (US).

(74) **SECRETST, Thomas, J.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NA 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).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ **A61B 5/00**

(11) **WO 02/085200** (13) A2

(21) PCT/US02/12872

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 09/841,153 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **ADAPTIVE SELECTION OF A WARNING LIMIT IN PATIENT MONITORING**
• SELECTION ADAPTATIVE D'UNE LIMITE D'ALARME DANS LA SURVEILLANCE D'UN PATIENT

(71) **CARDIONET, INC.** [US/US]; 510 Market Street, San Diego, CA 92101 (US).

(72) **EGGERS, Philip, N.**; 15238 Midland Road, Poway, CA 92064 (US).

(74) **COVERSTONE, Thomas E.**; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 5/00

(11) WO 02/085201 (13) A1

(21) PCT/US02/12875

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,152 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • DATA TRANSMISSION BETWEEN RE-
MOTE AND CENTRAL MONITORING
UNIT

- COMMANDE DE TRANSMISSION
DE DONNEES ENTRE UNE UNITE
DE SURVEILLANCE A DISTANCE ET
UNE UNITE CENTRALE

(71) CARDIONET, INC. [US/US]; 510 Market
Street, San Diego, CA 92101 (US).

(72) EGGERS, Philip, N.; 15238 Midland Road,
Poway, CA 92064 (US). SEVERE, Lon, M.;
5655 Guincho Court, San Diego, CA 92124
(US).

(74) COVERSTONE, Thomas, E.; Proco-
pio, Cory, Hargreaves & Savitch LLP,
530 B Street, Suite 2100, San Diego, CA
92101-4469 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 5/00

(11) WO 02/085202 (13) A1

(21) PCT/US02/08513

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/839,569 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PULSE OXIMETRY SENSOR WITH IM-
PROVED SPRING

- SONDE SPHYGMO-OXYMETRIQUE A
RESSORT AMELIORE

(71) DATEX-OHMEDA, INC. [US/US]; 3030
Ohmeda Drive, Madison, WI 53707 (US).

(72) LARSON, Eric, Russell; 7355 Yuca Drive,
Boulder, CO 80301 (US).

(74) MARSH, Thomas, R.; Marsh Fischmann
& Breyfogle, LLP, 3151 South Vaughn Way,
Suite 411, Aurora, CO 80014 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 5/021

(11) WO 02/085203 (13) A1

(21) PCT/JP02/03909

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121583 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CENTRAL BLOOD PRESSURE WAVE-
FORM ESTIMATING DEVICE AND PE-
RIPHERAL BLOOD PRESSURE WAVE-
FORM DETECTING DEVICE

- DISPOSITIF D'ESTIMATION DE
FORME D'ONDE DE PRESSION SAN-
GUINE CENTRALE ET DISPOSITIF
DE DETECTION DE FORME D'ONDE
DE PRESSION SANGUINE PERIPHE-
RIQUE

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishi-shinjuku 2-chome, Shinjuku-ku,
Tokyo 163-0811 (JP).

(72) AMANO, Kazuhiko; c/o SEIKO
EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano 392-8502 (JP).
TAKAZAWA, Kenji; c/o TOKYO MEDI-
CAL UNIVERSITY, 1-1, Shinjuku 6-chome,
Shinjuku-ku, Tokyo 160-8402 (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.

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

(51)⁷ A61B 5/026

(11) WO 02/085204 (13) A1

(21) PCT/JP02/03982

(22) 22 Apr/avr 2002 (22.04.2002)

(25) ja (26) ja

(30) 2001-122724 20 Apr/avr 2001 JP
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • ARTERIOSCLEROSIS MEASURER

- OUTIL DE MESURE DE L'ARTERIOS-
CLEROSE

(71) COMBI CORPORATION [JP/JP]; 6-7,
Motoasakusa 2-chome, Taito-ku, Tokyo
111-0041 (JP).

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

(71) MEDIA CROSS CO., LTD [JP/JP]; 56-4,
Higashinakano 1-chome, Nakano-ku, Tokyo
164-0003 (JP).

(only for / seulement pour JP)

(72, 75) ITOH, Masao [JP/JP]; c/o Media Cross
Co., Ltd, 56-4, Higashinakano 1-chome,
Nakano-ku, Tokyo 164-0003 (JP).

(74) NAKAO, Shunsuke et al. / etc.; c/o Nakao
& Ito Patent Office, 3-5, Uchikanda 1-chome,
Chiyoda-ku, Tokyo 101-0047 (JP).

(81) AU CA CN ID JP KR SG US VN.

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

(51)⁷ A61B 5/042

(11) WO 02/085205 (13) A2

(21) PCT/US02/12663

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,468 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • TELESCOPING TIP ELECTRODE
CATHETER

- CATHETER A ELECTRODE A EXTRE-
MITE TELESCOPIQUE

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

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

(72, 75) GIBSON, Charles, A. [—/US]; 73 Hill
Street, Malden, MA 02148 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 5/055, G01R 33/561, 33/28

(11) WO 02/085206 (13) A1

(21) PCT/FR02/01430

(22) 25 Apr/avr 2002 (25.04.2002)

(25) fr (26) fr

(30) 01/05555 25 Apr/avr 2001 FR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND SYSTEM FOR PRO-
DUCING MAGNETIC RESONANCE
IMAGES

- PROCEDE ET INSTALLATION POUR
LA PRODUCTION D'IMAGES EN RE-
SONANCE MAGNETIQUE

(71) UNIVERSITE CLAUDE BERNARD LYON 1 [FR/FR]; 43, boulevard du 11 novembre 1918, F-69622 Villeurbanne Cedex (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).

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

(72, 75) CREMILLIEUX, Yannick [FR/FR]; 187, avenue Félix Faure, F-69003 Lyon (FR). CANET, Emmanuelle [FR/FR]; 11, rue Saint-Jean, F-69005 Lyon (FR). CALLOT, Virginie [FR/FR]; 68, rue Louis Blanc, F-69006 Lyon (FR).

(74) THIBAULT, Jean-Marc; Cabinet Beau De Lomenie, 51, Avenue Jean Jaurès, Boîte postale 7073, F-69301 Lyon Cedex 07 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 5/083, 5/087, G01N 7/00, G01F 1/40, 1/42, G01N 21/25, 33/497

(11) WO 02/085207 (13) A1

(21) PCT/US02/03875

(22) 8 Feb/fév 2002 (08.02.2002)

(25) en (26) en

(30) 09/841,451 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTIPLE FUNCTION AIRWAY ADAPTER
• SYSTÈME D'INTUBATION À FONCTIONS MULTIPLES

(71) NTC TECHNOLOGY INC. [US/US]; Wilmington Trust Center, Suite 780, 1100 North Market Street, Wilmington, DE 19801 (US).

(72) MACE, Leslie, E.; 4635 84th Avenue, S.E., Mercer Island, WA 98040 (US). LABUDA, Lawrence, L.; 748 Skymeadow Drive, Coupeville, WA 98239 (US). BLAZEWICZ, Perry, R.; 610 North Trafton Street, Tacoma, WA 98403 (US). RICH, David, R.; 95 Riverview Road, Glastonbury, CT 06033 (US). JAFFE, Michael, B.; 410 Mountain Road, Cheshire, CT 06410 (US). ORR, Joseph, A.; 2645 Sackett Drive, Park City, UT 84098 (US). KOFOED, Scott, A.; 3864 South Monarch Drive, Bountiful, UT 84010 (US).

(74) POWER, Brick, G. et al. / etc.; Traskbritt, Suite 300, 230 South 500 East, P.O. Box 2550, Salt Lake City, UT 84110-2550 (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 A61B 5/103

(11) WO 02/085208 (13) A1

(21) PCT/US02/11270

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/840,489 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR MEASURING FOOT GEOMETRY
• PROCEDE ET APPAREIL PERMETTANT DE MESURER LA GEOMETRIE D'UN PIED

(71) AMFIT, INC. [US/US]; 2850 Bowers Avenue, Santa Clara, CA 95051 (US).

(72) TADIN, Tony, G.; 1519 Tadin Lane, Woodside, CA 94062 (US).

(74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th Floor, One Landmark Square, Stamford, CT 06901-2682 (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 5/117, G09F 3/00

(11) WO 02/085209 (13) A1

(21) PCT/IB02/01166

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 01109225.1 14 Apr/avr 2001 EP (14.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEASUREMENT OF PATIENT DATA REQUIRING OPERATOR AND PATIENT IDENTIFICATION
• MESURES DE DONNEES DE PATIENT NECESSITANT UNE IDENTIFICATION D'OPERATEUR ET DE PATIENT

(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) BOOS, Andreas [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

(81) CN JP US.

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

(51)⁷ A61B 5/20

(11) WO 02/085210 (13) A1

(21) PCT/KR02/00697

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 2001/21813 23 Apr/avr 2001 KR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • URINARY INCONTINENCE DIAGNOSTIC SYSTEM
• SYSTEME DE DIAGNOSTIC D'INCONTINENCE URINAIRE

(71) XENISS LIFE SCIENCE CO., LTD. [KR/KR]; 5th Fl., Ilheung Bldg., 1490-25, Seocho-3-dong, Seocho-ku, Seoul 137-073 (KR).

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

(72, 75) NA, Yong-Gil [KR/KR]; #113-1505 Crover Apt, 1509, Dunsan-dong, Seo-gu, Teajon 302-120 (KR). CHO, Kang-Hee [KR/KR]; #406-151 Sambu Apt, Taepyeong-dong, Jung-gu, Teajon 301-150 (KR). WHANG, Min-Cheol [KR/KR]; #707-605 Imkwang Apt, Baksok-dong, Iisan-gu, Koyang-city, Kyunggi-do 411-360 (KR).

(74) LEE, Jong Il; #904, BYC Building, 648-1, Yeoksam-dong, Kangnam-ku, Seoul, 130-080 (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 KZ LC LK LR LS LT LU LV MA MD MG 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 A61B 6/00

(11) WO 02/085211 (13) A2

(21) PCT/US02/10406

(22) 1 Apr/avr 2002 (01.04.2002)

(25) en (26) en

(30) 09/840,267 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR AUTOMATICALLY DETECTING LUNG NODULES FROM MULTI-SLICE HIGH RESOLUTION COMPUTED TOMOGRAPHY (MSHR CT) IMAGES

• METHODE ET SYSTEME DE DETECTION AUTOMATIQUE DE NODULES PULMONAIRES A PARTIR D'IMAGES DE TOMODENSITOMETRIE HAUTE RESOLUTION (TDM-HR) MULTICOUCPE

(71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).

(72) NOVAK, Carol, L.; 1 Windrow Lane, Newtown, PA 18940 (US). FAN, Li; 4702 Quail Ridge Road, Plainsboro, NJ 08536 (US). QIAN, Jianzhong; 3 Oxford Ct., Princeton Jct., NJ 08540 (US).

(74) PASCHBURG, Donald, B. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (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 A61B 6/03

(11) WO 02/085212 (13) A2

(21) PCT/IB02/01116

- (22) 9 Apr/avr 2002 (09.04.2002)
(25) en (26) en
- (30) 01201324.9 10 Apr/avr 2001 EP
(10.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A FLUOROSCOPY INTERVENTION METHOD WITH A CONE-BEAM
• PROCEDE D'INTERVENTION PAR FLUOROSCOPIE UTILISANT UN FAISCEAU CONIQUE
- (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) PROKSA, Roland [DE/NL]; 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 US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ A61B 6/03
(11) WO 02/085213 (13) A1
(21) PCT/JP02/03880
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
(30) 2001-119991 18 Apr/avr 2001 JP
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUBSTANCE HARDNESS MEASURING INSTRUMENT, BIOLOGICAL TISSUE HARDNESS MEASURING INSTRUMENT, AND RECORDING MEDIUM FOR OUTPUTTING HARDNESS DATA ON SUBSTANCE WHEN DATA IS INPUTTED TO IT
• INSTRUMENT DE MESURE DE LA DURETE D'UNE SUBSTANCE, INSTRUMENT DE MESURE DE LA DURETE DE TISSU BIOLOGIQUE, ET SUPPORT DE STOCKAGE PERMETTANT DE PRODUIRE EN SORTIE DES DONNEES DE DURETE D'UNE SUBSTANCE LORS DE LA SAISIE DE DONNEES DANS CELUI-CI
- (71) SCHOOL JURIDICAL PERSON NIHON UNIVERSITY [JP/JP]; 8-24, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OMATA, Sadao [JP/JP]; 18-19, aza hari-oikita, Otsuki-cho, Koriyama-shi, Fukushima 963-0201 (JP).
- (74) YOSHIDA, Kenji et al. / etc.; 34-12, Kichijo-ji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ A61B 8/00
(11) WO 02/085214 (13) A1
(21) PCT/FI02/00334
(22) 23 Apr/avr 2002 (23.04.2002)
(25) fi (26) en
- (30) 20010832 23 Apr/avr 2001 FI
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND MEASURING DEVICE FOR EXAMINING A COMPRESSIBLE TISSUE
• PROCEDE ET DISPOSITIF DE MESURE PERMETTANT D'EXAMINER DES TISSUS COMPRESSIBLES
- (71, 72) JURVELIN, Jukka [FI/FI]; Havukuja 9, FIN-70150 Kuopio (FI). KIVIRANTA, Ilkka [FI/FI]; Taivallahdentie 7, FIN-70620 Kuopio (FI). TÖYRÄS, Juha [FI/FI]; Piekankankuja 4 B 9, FIN-70820 Kuopio (FI).
- (74) PAPULA OY; P.O. Box 981 (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 10/00
(11) WO 02/085215 (13) A1
(21) PCT/JP02/03561
(22) 10 Apr/avr 2002 (10.04.2002)
(25) ja (26) ja
(30) 2001-116408 16 Apr/avr 2001 JP
(16.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CHAOS-THEORETICAL HUMAN FACTOR EVALUATION APPARATUS
• APPAREIL D'EVALUATION DE FACTEURS HUMAINS SELON LA THEORIE DU CHAOS
- (71) ELECTRONIC NAVIGATION RESEARCH INSTITUTE, AN INDEPENDENT ADMINISTRATIVE INSTITUTION [JP/JP]; 42-23, Jindaijihigashi-machi, 7-chome, Chofu-shi, Tokyo 182-0012 (JP). MITSUBISHI SPACE SOFTWARE CO., LTD. [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SHIOMI, Kakuichi [JP/JP]; 401, Metro Building, 5-11, Higashi-shimbashi 2-chome, Minato-ku, Tokyo 105-0021 (JP).
- (72, 75) MEGURO, Naritomo [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 27-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP). FURUSE, Nobuhiro [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 27-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP). TANAKA, Hideyuki [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 27-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP).
- (74) SANO, Hiroshi; 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (81) IL 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 A61B 10/00, 5/055, G01R 33/34
(11) WO 02/085216 (13) A1
(21) PCT/US02/12867
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 60/286,271 25 Apr/avr 2001 US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOPSY AND SAMPLING NEEDLE ANTENNAS FOR MAGNETIC RESONANCE IMAGING-GUIDED BIOPSIES
• ANTENNES AIGUILLE D'ECHAN-TILLONNAGE ET DE BIOPSIE DESTINEES A DES BIOPSIES GUIDEES PAR IMAGERIE PAR RESONANCE MAGNETIQUE (IRM)
- (71) SURGI-VISION, INC. [US/US]; Suite 2000, 20 Firstfield Road, Gaithersburg, MD 20878 (US).
- (72) KUMAR, Ananda; 273 West 31st Street, Baltimore, MD 21211 (US). ATALAR, Ergin; 5206 Woodstove Lane, Columbia, MD 21045 (US). OCALI, Ogan; 851 San Pablo Avenue, Sunyvale, CA 94085 (US).
- (74) KAMHOLZ, Scott, E. et al. / etc.; Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 A61B 17/00
(11) WO 02/085217 (13) A2
(21) PCT/US02/12105
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 60/285,012 19 Apr/avr 2001 US
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • STACKED INTERMEDULAR RODS FOR SPINAL FIXATION
• TIGES INTERMEDULLAIRES EMPILEES A FIXER SUR LA COLONNE VERTEBRALE
- (71) SPINEOLOGY, INC. [US/US]; 1815 Northwestern Avenue, Stillwater, MN 55082 (US).

(72) KUSLICH, Stephen, D.; 10383 Dellwood Road North, Stillwater, MN 55082 (US). PETERSON, Francis, C.; 807 College Street, Prescott, WI 54021 (US).

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

(81) AU CA HU 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 A61B 17/00

(11) WO 02/085218 (13) A2

(21) PCT/US02/12922

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIPOLAR OR ULTRASONIC SURGICAL DEVICE

• DISPOSITIF CHIRURGICAL BIPOLAIRE OU ULTRASONIQUE

(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).

(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 17/00

(11) WO 02/085219 (13) A2

(21) PCT/US02/15245

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,851 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FERMORAL NAIL INTAMEDULLARY SYSTEM

• SYSTEME D'ENCLOUAGE INTRAMEDULLAIRE DU COL FEMORAL

(71) BRAMLET, Dale, G. [US/US]; 2044 Brightwaters Boulevard, N.E., St. Petersburg, FL 33704 (US).

(72) COSGROVE, Patrick, J.; 12200 4th Street E., Treasure Island, FL 33706 (US). SODEIKA, John, A.; 11650 Harborside

Circle, Largo, FL 33773 (US). STERGHOS, Peter, M.; 5291 40th Avenue, St. Petersburg, FL 33709 (US).

(74) SLAVIN, Michael, A.; McHale & Slavin, P.A., Suite 402, 4440 PGA Blvd., Palm Beach Gardens, FL 33410 (US).

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

(51)⁷ A61B 17/00

(11) WO 02/085220 (13) A1

(21) PCT/US02/09578

(22) 29 Mar/mar 2002 (29.03.2002)

(25) en (26) en

(30) 09/837,555 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HAND-HELD SURGICAL INSTRUMENTS WITH OMNI-CIRCUMFERENTIAL ACTUATION CAPABILITIES

• INSTRUMENTS CHIRURGICAUX MANUELS A CAPACITES D' ACTIONNEMENT OMNI-CIRCONFERENCE

(71) DUKE UNIVERSITY [US/US]; Office of Science and Technology, 2020 West Main Street, Suite 10, Durham, NC 27705 (US).

(72) OVERAKER, Ronald, F.; 2618 Pleasant Green Road, Durham, NC 27705 (US). TOTH, Cynthia, A.; 928 Pinehurst Drive, Chapel Hill, NC 27514-3432 (US). DODGE, Brian, C.; 529 Lakeshore Drive, Hillsborough, NC 27278-2025 (US). MCCUEN, Brooks, W.; 2807 Montgomery Street, Durham, NC 27705-5635 (US). JAFFE, Glenn, J.; 3618 Carlisle Street, Durham, NC 27707 (US). POSTEL, Eric, A.; 3320 Executive Drive, Raleigh, NC 27609 (US). FEKRAT, Sharon; 3914 Chippenham Road, Durham, NC 27707 (US).

(74) DAVIDSON, Bryan, H.; Nixon & Vanderyhe, 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).

Published / Publiée : (c)

(51)⁷ A61B 17/128

(11) WO 02/085221 (13) A1

(21) PCT/EP02/04483

(22) 24 Apr/avr 2002 (24.04.2002)

(25) de (26) de

(30) 101 20 367.5 25 Apr/avr 2001 DE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SURGICAL-CLIP APPLICATOR

• APPLICATEUR D'AGRAFES CHIRURGICALES

(71, 72) PIER, Arnold [DE/DE]; Mauerstrasse 8, 52064 Aachen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/30

(11) WO 02/085222 (13) A1

(21) PCT/US02/10321

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(30) 10/073,766 11 Feb/fév 2002 US (11.02.2002)

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(54) • PAIRED SURGICAL FORCEPS

• PINCES CHIRURGICALES JUMEELES

(71, 72) AARON, William, Stephen [US/US]; 3313 Buffalo Trail, Floyds Knobs, IN 47119 (US).

(74) CAMORIANO, Theresa, Fritz; Camoriano and Associates, 8225 Shelbyville Road, Louisville, KY 40222 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085223 (13) A1

(21) PCT/DE02/01226

- (22) 4 Apr/avr 2002 (04.04.2002)
- (25) de (26) de
- (30) 101 19 328.9 19 Apr/avr 2001 DE (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CUTTING DEVICE FOR BONE TISSUE
• DISPOSITIF DE SEPARATION DE TISSU OSSEUX
- (71) UNIVERSITÄT HANNOVER [DE/DE]; Welfengarten 1, 30167 Hannover (DE). MEDIZINISCHE HOCHSCHULE HANNOVER [DE/DE]; Carl-Neuberg-Strasse 1, 30625 Hannover (DE).
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- (72, 75) PUDE, Frank [DE/DE]; Bassenbrink 18 F, 31552 Rodenberg (DE). LOUIS, Hartmut [DE/DE]; Steinfeldstrasse 30 A, 30825 Garbsen (DE). KIRSCH, Ludger [DE/DE]; Ulmenstrasse 2, 30926 Seelze (DE). WIRTH, Carl, Joachim [DE/DE]; Tilkentrift 8, 30916 Isernhagen KB (DE). SCHMOLKE, Stephan [DE/DE]; Sandbirkenwende 12A, 30519 Hannover (DE).
- (74) SCHEFFLER, Jörg et al. / etc.; Hagemann, Braun & Held, Hildesheimerstr. 133, 30173 Hannover (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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- (11) WO 02/085224 (13) A2
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- (30) 10/122,754 15 Apr/avr 2002 US (15.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HIGH EFFICIENCY ULTRASONIC SURGICAL ASPIRATION TIP
• POINTE CHIRURGICALE D'ASPIRATION PAR ULTRASONS DE HAUTE EFFICACITE
- (71, 72) TIMM, Ed [US/US]; 16425 Audubon Village Drive, Wildwood, MO 63040 (US). AULD, Mike [US/US]; 16201 Pepper View Court, Chesterfield, MO 63005 (US).
- (74) KLUG, Kevin, L.; 11237 Concord Village Avenue, St. Louis, MO 63123-6903 (US).
- (81) JP.
- (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
(u) for / pour US only / seulement
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- (51)⁷ A61B 17/34, A61J 15/00
- (11) WO 02/085225 (13) A1
- (21) PCT/US02/01935
- (22) 25 Jan/jan 2002 (25.01.2002)
- (25) en (26) en
- (30) 09/837,481 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND METHOD FOR THE INSERTION OF A MEDICAL DEVICE
• APPAREIL ET PROCEDE D'INSERTION D'UN DISPOSITIF MEDICAL
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55331-1566 (US).
- (72) ELBERT, Linda, D.; 8211 Lee Paul Road, Bloomington, IN 47404 (US). PERKINS, D.H.; 196 East 1650 South, Bountiful, UT 84010 (US). NISHTALA, Srivinas; 12 Morrison Lane, Westford, MA 01886 (US). GOBRON, Stephane; Apartment 2W, 529 W. Dempster Avenue, Mount Prospect, IL 60056 (US).
- (74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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) A61B 17/70
- (11) WO 02/085226 (13) A1
- (21) PCT/US02/12772
- (22) 4 Apr/avr 2002 (04.04.2002)
- (25) en (26) en
- (30) 60/381,579 4 Apr/avr 2001 US (04.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOBILE SLEEVE STRUCTURE FOR MAINTAINING SPATIAL RELATIONSHIP BETWEEN VERTEBRAE
• STRUCTURE DE MANCHON MOBILE PERMETTANT DE MAINTENIR UNE RELATION SPATIALE ENTRE DES VERTEBRES
- (71, 72) RAPP, Lawrence, G. [US/US]; 7650 Dixie Highway, #140, Clarkston, MI 48346 (US).
- (74) ROHM, Benita, J. et al. / etc.; Rohm & Monsanto, P.L.C., Suite 1525, 660 Woodward Avenue, Detroit, MI 48226 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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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- (11) WO 02/085228 (13) A1
- (21) PCT/US02/15036
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 09/841,939 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INFLATABLE DEVICE AND METHOD FOR REDUCING FRACTURES IN BONE AND IN TREATING THE SPINE
• DISPOSITIF GONFLABLE ET PROCEDE DE REDUCTION DE FRACTURES DE L'OS ET DE TRAITEMENT DE L'EPINE
- (71) SYNTHES (U.S.A.) [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEIKEL, Stuart [US/US]; 2500 Hillcrest Road, Drexell Hill, PA 19026 (US). PAUL, David, C. [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US).
- (74) POISSANT, Brian, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 A61B 17/72
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- (21) PCT/US02/15036
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- (25) en (26) en
- (30) 09/841,939 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTRAMEDULLARY NAIL
• CLOU CENTROMEDULLAIRE
- (71) BRAMLET, Dale, G. [US/US]; 2044 Brightwaters Boulevard, N.E., St. Petersburg, FL 33704 (US).
- (72) COSGROVE, Patrick, J.; 12200 4th Street E., Treasure Island, FL 33706 (US).

- SODEIKA, John, A.;** 11650 Harborside Circle, Largo, FL 33773 (US). **STERGHOS, Peter, M.;** 5291 40th Avenue, St. Petersburg, FL 33709 (US).
- (74) **SLAVIN, Micheal, A.;** McHale & Slavin, P.A., 4440 PGA Blvd., Ste. 402, Plam Beach Gardens, FL 33410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 A61B 18/00
- (11) WO 02/085229 (13) A2
- (21) PCT/IB02/01288
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 01201432.0 20 Apr/avr 2001 EP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SKIN TREATING DEVICE WITH PROTECTION AGAINST RADIATION PULSE OVERDOSE
- DISPOSITIF DE TRAITEMENT DE LA PEAU A PROTECTION CONTRE LES SURDOSES D'IMPULSION DE RAYONNEMENT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **CENSE, Abraham, J.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VELDHUIS, Gerrit, J.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SIMONSEN, Jan;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROERSMA, Michiel, E.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SCHLANGEN, Lucas, J., M.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NUIJS, Antonius, M.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **WOLFS, Marc, J., M.;** Internationaal Octroibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 18/18, 19/00
- (11) WO 02/085231 (13) A1
- (21) PCT/US02/12666
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 09/841.674 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR TREATING PRESBYOPIA
- PROCEDE ET APPAREIL POUR TRAITER LA PRESBYTIE
- (71) **WEISZ, Tiberiu** [US/US]; c/o Gottlieb Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016-0601 (US). (only for / seulement pour UG)
- (71, 72) **TAMAYO, Gustavo, E.** [CO/CO]; Calle 114 No. 9-45, Torre B Oficina 718, Bogota (CO).
- (74) **WEISZ, Tiberiu et al. / etc.;** Gottlieb Rackman & Reisman P.C., 270 Madison Avenue, New York, NY 10016-0601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 19/00
- (11) WO 02/085232 (13) A1
- (21) PCT/US02/12383
- (22) 19 Apr/avr 2002 (19.04.2002)
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- (30) 09/838.075 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SIMPLIFIED STEREOTACTIC APPARATUS AND METHODS
- APPAREIL STEREOTAXIQUE SIMPLIFIE ET PROCEDES CORRESPONDANTS
- (71) **THE OHIO STATE UNIVERSITY** [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).
- (72) **CHAKERES, Donald, W.;** 2274 Club Road, Columbus, OH 43221 (US).
- (74) **GILCREST, Roger, A.;** Standley & Gilcrest LLP, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 A61B 19/08
- (11) WO 02/085233 (13) A1
- (21) PCT/SE02/00713
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) sv (26) en
- (30) 0101305-1 11 Apr/avr 2001 SE (11.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • BARRIER DEVICE
• DISPOSITIF BARRIERE
- (71) SILECO HB [SE/SE]; Gitarrgatan 11, S-312 34 Laholm (SE).
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- (72, 75) WALLIN, Lars, G. [SE/SE]; Gitarrgatan 11, S-312 34 Laholm (SE).
- (74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A61C
(11) WO 02/085234 (13) A2
(21) PCT/US02/11697
(22) 12 Apr/avr 2002 (12.04.2002)
(25) en (26) en
(30) 09/838,694 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANATOMICALLY CONTOURED MATRIX BANDS FOR USE IN DENTAL RESTORATION PROCEDURES
• MATRICE A CONTOUR ANATOMIQUE UTILISEE DANS LES PROCEDURES DE RESTAURATION DENTAIRE
- (71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).
- (72) BILLS, Dan, J.; 615 West Jefferson Place, Salt Lake City, UT 84121 (US).
- (74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger & Seecley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 A61C
(11) WO 02/085235 (13) A2
(21) PCT/US02/11813
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 09/838,027 18 Apr/avr 2001 US (18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VERTEX DENTAL MODEL ARTICULATOR
• ARTICULATEUR DE MODELE DENTAIRE VERTEX
- (71, 72) IVERSON, Corey, B. [US/US]; 1931 Bonnie Brae, Riverside, CA 92506 (US).
- (74) FERNANDEZ, Antonio, M.; 8045 Northpark Drive, Riverside, CA 92508 (US).
- (81) CA.
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- (51)⁷ A61C
(11) WO 02/085236 (13) A2
(21) PCT/US02/12578
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 09/838,021 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • STABLE HERBAL DENTIFRICE
• DENTIFRICE STABLE A BASE DE PLANTES
- (71) BLOCK DRUG COMPANY, INC. [US/US]; 257 Cornelison Avenue, Jersey City, NJ 07302 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEALY, Marissa [US/US]; 16 Saddle Ridge Road, Sparta, NJ 07871 (US). NAYAR, Bala [US/US]; 15 Tulip Drive, Dayton, NJ 08810 (US). XU, Jin [US/US]; 17 Tuxedo Drive, Livingston, NJ 07039 (US).
- (74) STEIN-FERNANDEZ, Nora; 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 A61C
(11) WO 02/085237 (13) A2
(21) PCT/US02/14050
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 01042829 25 Apr/avr 2001 UA (25.04.2001)
- (30) not yet assigned 9 Nov/nov 2001 CA (09.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIAMOND-LIKE COATING, METHOD OF ITS PLATING AND DENTAL BUR WITH THE SAID DIAMOND-LIKE COATING
• REVETEMENT DE TYPE DIAMANT, PROCEDE DE PLACAGE ET FRAISE DENTAIRE COMPORTANT CE REVETEMENT DE TYPE DIAMANT
- (71) GENERAL PLASMA, LLC [US/US]; 240 Elkins Lane, P.O. Box 436, Lusby, MD 20657 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIRYUKHIN, Mykola, M. [UA/UA]; 16 Fesenkovskaya St., ap.9, Kharkov, 61068 (UA). ZABASHTA, Lidiya, O. [UA/UA]; 39 Zhukova St., ap.6, Kharkov, 61022 (UA). BABENKO, Victor, O. [UA/UA]; 15 Krala, ST., ap.2, Kharkov 61075 (UA). VOLKOV, Yuyiy, Y. [UA/UA]; 3 Mira Boulevard, ap.32, Kharkov, 61108 (UA). STRELNYTSKYI, Volodymyr, Y. [UA/UA]; 4 Elizharova St., ap.281, Kharkov, 61098 (UA).
- (74) STONE, Gregory, M. et al. / etc.; Whiteford, Taylor & Preston L.L.P., Seven Saint Paul Street, Baltimore, MD 21202-1626 (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).
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- (51)⁷ A61C 1/14, B23B 31/117, 31/22
(11) WO 02/085238 (13) A1
(21) PCT/US02/01275
(22) 15 Jan/jan 2002 (15.01.2002)
(25) en (26) en
(30) 09/837,680 18 Apr/avr 2001 US (18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CHUCK FOR ROTARY TOOLS
• MANDRIN DESTINE A DES OUTILS ROTATIFS
- (71) THE TIMKEN COMPANY [US/US]; 1835 Dueber Avenue, S.W., Canton, OH 44706-0928 (US).
- (72) ADAMS, Rory, Neil; 875 Acworth Road, Charlestown, NH 03450 (US). SMITH, Kevin, B.; 133 Brown Road, Harrisville, NH 03450 (US).
- (74) SCANLON, Stephen, D. et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 3/14, A61B 17/28

(11) WO 02/085239 (13) A1

(21) PCT/GB02/01394

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0109932.4 23 Apr/avr 2001 GB
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • DENTAL FORCEPS FOR TOOTH EX-
TRACTION

• DAVIER POUR EXTRACTION DEN-
TAIRE

(71, 72) SULLMAN, Russell [GB/GB]; 270
Barking Road, East Ham, London E6 3BA
(GB).

(74) EDER, Ephry; E. Eder & Co, 39 Cranbrook
Road, Ilford, Essex IG1 4PA (GB).

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).

(51)⁷ A61C 5/06, B65D 25/08

(11) WO 02/085240 (13) A2

(21) PCT/US02/02720

(22) 30 Jan/jan 2002 (30.01.2002)

(25) en (26) en

(30) 09/838,875 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CONTAINER FOR MULTIPLE-COM-
PONENT COMPOSITIONS

• RECIPIENT POUR COMPOSITIONS A
PLUSIEURS COMPOSANTS

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

(72) BROYLES, Bruce R.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
PETRICH, Robert W.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
LEE, Robert; Post Office Box 33427, Saint
Paul, MN 55133-3427 (US). MEYERT-
HOLEN, Darin J.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 5/10

(11) WO 02/085241 (13) A1

(21) PCT/NL02/00258

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01201472.6 23 Apr/avr 2001 EP
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR PRODUCTION OF AN
ARTIFICIAL TOOTH

• PROCEDE DE FABRICATION D'UNE
DENT ARTIFICIELLE

(71) CICERO DENTAL SYSTEMS B.V.
[NL/NL]; Verlengde Lageweg 10, NL-1628
PM Hoom (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN DER ZEL, Joseph, Maria
[NL/NL]; Cole Porterhof 168, NL-1628
TN Hoom (NL).

(74) GROOTSCHOLTEN, Johannes, Anto-
nius, Maria; Arnold & Siedsma, Sweelinck-
plein 1, NL-2517 GK The Hague (NL).

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

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

(51) A61C 13/00, 13/08

(11) WO 02/085242 (13) A1

(21) PCT/NL02/00259

(22) 19 Apr/avr 2002 (19.04.2002)

(25) nl (26) en

(30) 1017907 23 Apr/avr 2001 NL
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR MANUFACTURING A
DENTAL RESTORATION

• PROCEDE DE FABRICATION D'UNE
RESTAURATION DENTAIRE

(71) CICERO DENTAL SYSTEMS B.V.
[NL/NL]; Verlengde Lageweg 10, NL-1628
PM Hoom (NL).

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

(72, 75) VAN DER ZEL, Joseph, Maria
[NL/NL]; Cole Porterhof 168, NL-1628
TN Hoom (NL).

(74) GROOTSCHOLTEN, Johannes, Anto-
nius, Maria; Arnold & Siedsma, Sweelinck-
plein 1, NL-2517 GK The Hague (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 13/15, F21S 2/00, F21V 8/00, H01S
5/022, H01L 33/00 // F21W 131:202, F21Y
101:02

(11) WO 02/085243 (13) A1

(21) PCT/JP02/03802

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-121304 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • LIGHT RADIATING DEVICE

• DISPOSITIF DE RAYONNEMENT DE
LUMIERE

(71) DENTALSYSYSTEMS INC. [JP/JP]; Saito
Bldg. 3F, 17-15, Yushima 2-chome,
Bunkyo-ku, Tokyo 113-0034 (JP).

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

(72, 75) MIYASAKA, Yoichiro [JP/JP]; c/o
DENTALSYSYSTEMS INC., Saito Bldg. 3F,
17-15, Yushima 2-chome, Bunkyo-ku, Tokyo
113-0034 (JP).

(74) YAMASAKI, Yukuzo et al. / etc.; Yamasaki
Law and Patent Office, Sogo Nagatacho Bldg.
8F, 11-28, Nagatacho 1-chome, Chiyoda-ku,
Tokyo 100-0014 (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 A61C 15/04, A46B 15/00

(11) WO 02/085244 (13) A1

(21) PCT/NL02/00256

(22) 19 Apr/avr 2002 (19.04.2002)

(25) nl (26) en

(30) 1017883 19 Apr/avr 2001 NL
(19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR CLEANING TEETH
• PROCEDE ET DISPOSITIF POUR NETTOYER LES DENTS
- (71, 72) PAZ-SOLDAN, Luis, José [NL/NL]; Brucknerplein 16, NL-5653 ER Eindhoven (NL).
- (74) BARTELD, Erik; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 A61F
- (11) WO 02/085245 (13) A2
- (21) PCT/IL02/00326
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 142823 25 Apr/avr 2001 IL (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VISUAL ENHANCEMENT THROUGH REFRACTIVE PUPILLARY CONTROL
• AMELIORATION DE LA VUE PAR UNE COMMANDE REFRACTIVE DE LA PUPILLE
- (71, 72) LIPSHITZ, Isaac [IL/IL]; 89A Hanasi St., 46299 Herzliya Pituach (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).
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- (51)⁷ A61F
- (11) WO 02/085246 (13) A2
- (21) PCT/US02/12283
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/284,803 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FABRICATION OF A POLYMERIC PROSTHETIC IMPLANT
• FABRICATION D'UN IMPLANT PROTHETIQUE POLYMERE
- (71) CASE WESTERN RESERVE UNIVERSITY [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-4971 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEAN, David [US/US]; 19801 Malvern Road, Shaker Heights, OH 44122 (US).
COOKE, Malcolm [GB/US]; 3801 Deer Run Drive, Richfield, OH 44286 (US).
- (74) DOCHERTY, Pamela, A.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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
- (11) WO 02/085247 (13) A2
- (21) PCT/US02/12449
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,138 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR PHOTODISRUPTION OF TISSUE OF THE EYE
• PROCEDE ET SYSTEME DE PHOTOCOAGULATION DU TISSU DE L'OEIL
- (71) INTRALASE CORP. [US/US]; 3 Morgan, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDSTEIN, Peter [US/US]; 10532 Boca Canyon Drive, Santa Ana, CA 92705 (US).
HEGEDUS, Imre [HU/US]; 3 Morgan, Irvine, CA 92618 (US).
HORVATH, Christopher [US/US]; 3 Morgan, Irvine, CA 92618 (US).
JUHASZ, Tibor [US/US]; 4 Heatherwood Drive, Irvine, CA 92620 (US).
- (74) STEAKLEY, Edward, D.; 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).
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- (51)⁷ A61F
- (11) WO 02/085248 (13) A2
- (21) PCT/US02/13057
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,856 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROSTANOIDS AUGMENT OCULAR DRUG PENETRATION
• PROSTANOIDES POUVANT AUGMENTER LA PENETRATION DE MEDICAMENTS OCULAIRES
- (71) BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPONSEL, William, Eric [US/US]; 19733 La Sierra, San Antonio, TX 78256 (US).
GLICKMAN, Randall, D. [—/—]; 8425 Rochelle Road, San Antonio, TX 78240 (US).
PARIS, Gianmarco [—/—]; 6507 Jade Meadow, San Antonio, TX 78250 (US).
BERNAL, Vanessa [—/—]; 9203 Jorwoods, San Antonio, TX 78250 (US).
GRAYBILL, John, R. [—/—]; 14121 Graywing Drive, San Antonio, TX 78231 (US).
- (74) FUSSEY, Shelley, P., M.; Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, TX 77040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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
- (11) WO 02/085249 (13) A2
- (21) PCT/US02/22510
- (22) 26 Feb/fév 2002 (26.02.2002)
- (25) en (26) en
- (30) 09/794,990 27 Feb/fév 2001 US (27.02.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REFRACTIVE ANTERIOR CHAMBER INTRAOCULAR IMPLANT
• IMPLANT INTRAOCULAIRE A CHAMBRE ANTERIEURE REFRACTIVE
- (71) OLL INTERNATIONAL, INC. [US/US]; 4290 East Brickell Street, Ontario, CA 91761 (US).

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

(72, 75) GALIN, Miles, A. [US/US]; 180 East End Avenue, Apt. 2A, New York, NY 10123 (US). HAMPTON, Scott, M. [US/US]; 1785 James Place, Pomona, CA 91767 (US).

(74) MURNANE, John, D. et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 2/00, 2/28, 2/44, A61L 31/02, 31/04, 31/08, 31/14

(11) WO 02/085250 (13) A2

(21) PCT/EP02/04350

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 096.4 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIOLOGICALLY-FUNCTIONALISED, METABOLICALLY-INDUCTIVE IMPLANT SURFACES

• SURFACES D'IMPLANTS A FONCTIONNALISATION BIOLOGIQUE ET A INDUCTION METABOLIQUE

(71) KERAMED MEDIZINTECHNIK GMBH [DE/DE]; An den Trillers Büschen 2, 07646 Mörsdorf/Thür. (DE). INSTITUT FÜR BIOPROZESS- UND ANALYSEN-MESSTECHNIK E.V. [DE/DE]; Rosenhof, 37308 Heilbad Heiligenstadt (DE). SURFACE & INTERFACE TECHNOLOGIES GMBH [DE/DE]; Rosenhof, 37308 Heilbad Heiligenstadt (DE).

(72) LIEFEITH, Klaus; Strasse der Einheit 27, 37318 Uder (DE). HILDEBRAND, Gerhard; Hauptstrasse 3, 37318 Lutter (DE). RAHM, Jens; Zeppelinstrasse 8, 08412 Werdau (DE). GLIEN, Wilfried; Büttelbaum 03, 07639 Bad Klosterlausnitz (DE).

(74) ABITZ, Walter et al. / etc.; Abitz & Partner, Poschingerstrasse 6, 81628 München (DE).

(81) AU 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 2/06

(11) WO 02/085251 (13) A1

(21) PCT/US02/10952

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/841,968 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR PERFORMING CATHETER-BASED ANNULOPLASTY

• PROCEDE ET APPAREIL PERMETTANT LA REALISATION D'ANNULOPLASTIE A L'AIDE D'UN CATHETER

(71) DHC SYSTEMS, INC. [US/US]; 2180 Sand Hill Road, Suite 170, Menlo Park, CA 94025 (US).

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(72, 75) HLAVKA, Edwin, J. [US/US]; 40 Kent Place, Palo Alto, CA 94301 (US). SPENCE, Paul [US/US]; 5818 Orion Road, Louisville, KY 40222 (US).

(74) SU, Peggy, A.; Ritter, Lang & Kaplan LLP, 12930 Saratoga Ave., Suite D1, Saratoga, CA 95070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 A61F 2/06

(11) WO 02/085252 (13) A1

(21) PCT/US02/11375

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/841,968 24 Apr/avr 2001 US (24.04.2001)

(30) 09/866,550 25 May/mai 2001 US (25.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR CATHETER-BASED ANNULOPLASTY USING LOCAL PPLICATIONS

• PROCEDE ET APPAREIL DESTINES A REALISER UNE ANNULOPLASTIE REPOSANT SUR L'UTILISATION D'UN CATHETER AU MOYEN DE PPLICATIONS LOCALES

(71) DHC SYSTEMS, INC. [US/US]; 2180 Sand Hill Road., Suite 17, Menlo Park, CA 94025 (US).

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(72, 75) HLAVKA, Edwin, J. [US/US]; 40 Kent Place, Palo Alto, CA 94301 (US). PODMORE, Jonathan, L. [—/US]; 444-15th Avenue, #307, San Francisco, CA 94118-2842 (US). SPENCE, Paul, A. [—/US]; 5818 Orion Road, Louisville, KY 40222 (US).

(74) SU, Peggy, A.; Ritter, Lang & Kaplan LLP, 12930 Saratoga Avenue, Suite D1, Saratoga, CA 95070 (US).

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

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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)

(51)⁷ A61F 2/06

(11) WO 02/085253 (13) A1

(21) PCT/US02/12091

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,383 20 Apr/avr 2001 US (20.04.2001)

(30) 10/101,455 11 Mar/mar 2002 US (11.03.2002)

(30) 10/101,453 11 Mar/mar 2002 US (11.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRUG DELIVERY PLATFORM AND METHODS FOR THE INHIBITION OF NEOINTIMA FORMATION

• PLATE-FORME D'ADMINISTRATION DE MEDICAMENTS ET PROCEDES D'INHIBITION DE LA FORMATION DE LA NEOINTIMA

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 900 Welch Road, Suite 350, Palo Alto, CA 94304 (US).

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

(72, 75) ELKINS, Christopher, J. [US/US]; 1021 Woodside Road, #1, Redwood City, CA 94064 (US). DAKE, Michael, D. [US/US]; 665 Gerona Road, Stanford, CA 94305 (US). WAUGH, Jacob, M. [US/US]; P.O. Box 50308, Palo Alto, CA 94303 (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).

(51)⁷ A61F 2/06

(11) WO 02/085254 (13) A1

(21) PCT/US02/12136

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,101 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR FIXATION OF VASCULAR GRAFTS
• APPAREIL ET PROCÉDE DE FIXATION DE GREFFES VASCULAIRES

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEWYORK [US/US]; N5002 Melville Memorial Library, Stony Brook, NY 1794-3369 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICCOTTA, John [US/US]; 113 Mount Grey Road, Setauket, NY 11733 (US). HSIAO, B., S. [US/US]; 86 Old Field Road, Setauket, NY 11733 (US). SOMANI, R., H. [US/US]; P.O. Box 425, Upton, NY 11973 (US).

(74) BARRESE, Rocco, S. et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Blvd., Uniondale, NY 11553 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, A61K 47/30

(11) WO 02/085255 (13) A1

(21) PCT/US02/12431

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,572 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED SURGICAL STENT AND METHOD FOR PREVENTING OCCLUSION OF STENTED VESSELS AND CONDUITS AFTER IMPLANTATION OF STENTS

• ENDOPROTHESE VASCULAIRE AMÉLIORÉE ET PROCÉDE DE PRÉVENTION DE L'OCCLUSION DES VAISSEAUX ET CONDUITS DILATÉS APRÈS IMPLANTATION DES ENDOPROTHESES VASCULAIRES

(63) US 09/839,572 (CON)
20 Apr/avr 2001 (20.04.2001)

(71, 72) EASTERLING, W., Jerry [US/US]; Suite 200, 19230 Stone Oak Parkway, San Antonio, TX 76758 (US).

(74) HENRY, David, G.; 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 2/08

(11) WO 02/085256 (13) A1

(21) PCT/US02/12544

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,562 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GRAFT FIXATION SYSTEM AND METHOD
• SYSTEME ET PROCÉDE DE FIXATION DE GREFFE

(71) SYNTHES (U.S.A) [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

(71) SYNTHES AG CHUR [CH/CH]; Grabenstrasse 8, CH-7002 Chur (CH).
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(72, 75) WILFORD, Troy [US/US]; 717 Charleston Green, Malvern, PA 19355 (US). CARTER, Cory, W. [US/US]; 6 Pierce Road, Wilmington, DE 19803 (US).

(74) POISSANT, Brian, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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 A61F 2/38

(11) WO 02/085257 (13) A2

(21) PCT/EP02/04156

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 01110261.3 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • KNEE PROSTHESIS WITH A FLEXION HINGE
• PROTHESE DU GENOU POURVUE D'UNE CHARNIERE DE FLEXION

(71) WALDEMAR LINK (GMBH & CO.) [DE/DE]; Barkhausenweg 10, 22339 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLER, Arnold [DE/DE]; An der Naherfurth 5, 23863 Kayhude (DE).

(74) GLAWE, DELFS, MOLL; Rothenbaumchaussee 58, 20148 Hamburg (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61F 2/38

(11) WO 02/085258 (13) A1

(21) PCT/EP02/04157

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 01110260.5 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • KNEE PROSTHESIS WITH ROTATION BEARING

• PROTHESE DU GENOU POURVUE D'UN SUPPORT DE ROTATION

(71) WALDEMAR LINK (GMBH & CO.) [DE/DE]; Barkhausenweg 10, 22339 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLER, Arnold [DE/DE]; An der Naherfurth 5, 23863 Kayhude (DE).

(74) GLAWE, DELFS, MOLL; Rothenbaumchaussee 58, 20148 Hamburg (DE).

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

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

FI FR GB GR IE 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 2/40

(11) WO 02/085259 (13) A1

(21) PCT/US02/12440

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,698 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MODULAR HUMERAL HEAD WITH
ECCENTRIC CONNECTOR
• TETE D'HUMERUS MODULAIRE A
CONNECTEUR EXCENTRIQUE

(71) WRIGHT MEDICAL TECHNOLOGY,
INC. [US/US]; 5677 Airline Road, Arling-
ton, TN 38002 (US).

(72) GRUSIN, N., Kelly; 6754 Amersham Drive,
Memphis, TN 38119 (US). JOBE, Christo-
pher; 160 West Highland Avenue, Redlands,
CA 92373 (US). BROOKS, Michael, L.;
4447 Kingsmen Cove, Memphis, TN 38128
(US). RIVAS, Felix, Jr.; 7840 Club Drive,
#133, Cordova, TN 38016 (US). DUKE,
Edward; 3368 Summerhill Drive, Bartlett,
TN 38134 (US).

(74) MILLS, Alicia, Griffin et al. / etc.; Fredrik-
son & Byron, P.A., 1100 International Centre,
900 Second Avenud South, Minneapolis, MN
55402 (US).

(81) AU.

(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 A61F 2/40

(11) WO 02/085260 (13) A1

(21) PCT/US02/12445

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,736 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HUMERAL STEM WITH DISTAL TRI-
SLOT
• TIGE HUMERALE A TROIS FENTES
DISTALES

(71) WRIGHT MEDICAL TECHNOLOGY,
INC. [US/US]; 5677 Airline Road, Arling-
ton, TN 38002 (US).

(72) GRUSIN, N., Kelley; 6754 Amersham
Drive, Memphis, TN 38119 (US). WOLF,
Lance; 3015 Julian Drive, New Albany, IN
47150 (US). TERRILL-GRISONI, Lau-
ralan; 2554 Ashburn Place North, Cordova,
TN 38017 (US). JOBE, Christopher; 160
West Highland Avenue, Redlands, CA 92373
(US). SORBIE, Charles; 208 Alwington
Place, Kingston, Ontario K7L 4P8 (CA).
MALLON, William, J.; c/o Wright Medical
Technology, Inc., 5677 Airline Road, Arling-
ton, TN 38002 (US). PATTERSON, Stuart;
80 Jenni Ashley Court, Winter Haven, FL
33884 (US).

(74) MILLS, Alicia, Griffin et al. / etc.; Fredrik-
son & Byron, P.A., 1100 International Centre,
900 Second Avenue South, Minneapolis, MN
55402 (US).

(81) AU.

(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 A61F 2/44

(11) WO 02/085261 (13) A1

(21) PCT/AU02/00495

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4512 20 Apr/avr 2001 AU
(20.04.2001)

(30) PS 0696 25 Feb/fév 2002 AU
(25.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTERVERTEBRAL DISC IMPLANT
DEVICE
• DISPOSITIF D'IMPLANT DE DISQUE
INTERVERTEBRAL

(71, 72) MACLENNAN, Douglas, Stafford
[AU/AU]; 44 Nelson Street, Gordon, New
South Wales 2072 (AU). SEARS, William,
Robert [AU/AU]; 24 Springdale Road, Kil-
lara, New South Wales 2071 (AU).

(74) GRIFFITH HACK; G.P.O. Box 4164, Syd-
ney, New South Wales 2001 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/085262 (13) A1

(21) PCT/GB02/01818

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0110065.0 24 Apr/avr 2001 GB
(24.04.2001)

(30) 0110067.6 24 Apr/avr 2001 GB
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SURGICAL RESTORATION OF AN IN-
TERVERTEBRAL DISC
• RESTAURATION CHIRURGICALE
D'UN DISQUE INTERVERTEBRAL

(71, 72) GALLEY, Geoffrey, Harrison
[GB/GB]; 'Red Lodge', The Close, Tot-
teridge, London N20 8PJ (GB). KNIGHT,
Martin [GB/GB]; Highfield Hospital, Man-
chester Road, Rochdale, Lancashire, OL11
4LX (GB).

(74) QUEST, Barry 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(11) WO 02/085263 (13) A2

(21) PCT/US02/10674

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/827,427 6 Apr/avr 2001 US
(06.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHODS FOR
TREATING SPINAL DISCS
• DISPOSITIF ET PROCÉDÉS SERVANT
À TRAITER DES DISQUES VERTÉ-
BRAUX

(71) CORE MEDICAL, INC. [US/US]; 743
Pastoria Avenue, Sunnyvale, CA 94086-2918
(US).

(72) BELEF, W., Martin; 1177 Britton Av-
enue, San Jose, CA 95125 (US). SALMON,
Stephen, M.; 1177 Hagen Road, Napa, CA
94558 (US). ALDRICH, William, N.; 2288
Monticello Road, Napa, CA 94558 (US).
GINN, Richard, S.; 297 Marti Way, San
Jose, CA 95136 (US). JABBA, Ronald,
J.; 144 Oakdale Street, Redwood City, CA
94062 (US).

(74) ENGLISH, William, A.; Lyon & Lyon LLP,
47th Floor, 633 West Fifth Street, Los Ange-
les, 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 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 A61F 2/72, 2/80

(11) WO 02/085264 (13) A1

(21) PCT/US02/08898

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/840,955 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DYNAMIC VARIABLE GEOMETRY FITTING SYSTEM FOR USE WITH A BODY APPLIANCE

• SYSTEME D'APPAREILLAGE DYNAMIQUE A GEOMETRIE VARIABLE UTILISE AVEC UN APPAREIL CORPOREL

(71) SIMBEX LLC [US/US]; 10 Water Street, Room 405, Lebanon, NH 03766 (US).

(72) DEAN JR., Robert, C.; c/o Simbex LLC, 10 Water Street, Lebanon, NH 03766 (US). MAYOR, Michael, B.; c/o Simbex LLC, 10 Water Street, Lebanon, NH 03766 (US). NELSON, David, F.; c/o Simbex LLC, 10 Water Street, Lebanon, NH 03766 (US). BRALEY, Chad, S.; c/o Simbex LLC, 10 Water Street, Lebanon, NH 03766 (US). BLANCHARD, Mark, W.; c/o Simbex LLC, 10 Water Street, Lebanon, NH 03766 (US).

(74) COHEN, Jerry et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, 30th floor, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A61F 5/01, 13/08

(11) WO 02/085265 (13) A1

(21) PCT/ZA02/00067

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 2001/2317 19 Apr/avr 2001 ZA (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRESSURE SOCK

• CHAUSSONS DE COMPRESSION

(71, 72) PILLAI, Jayamdiran [ZA/ZA]; 20 Mirage drive, 1733 Helderkruin (ZA).

(74) LE ROUX, Marius; D.M. Kisch Inc., P.O. Box 781218, Sandton 2146 (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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61F 7/02

(11) WO 02/085266 (13) A1

(21) PCT/US02/12399

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,060 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEAT-EXCHANGE DEVICE WITH IMPROVED SEAL

• DISPOSITIF D'ECHANGE THERMIQUE A ETANCHEITE AMELIOREE

(71) AVACORE TECHNOLOGIES, INC. [US/US]; 251 High Street, Palo Alto, CA 94301 (US).

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

(72, 75) LYONS, David, Frederick [US/US]; 345 Sequoia Avenue, Palo Alto, CA 94306 (US). GRAHN, Dennis, A. [US/US]; 1153 Stanford Avenue, Palo Alto, CA 94304 (US). MACGREGOR, Bruce G. [CA/US]; 55 Roosevelt Circle, Palo Alto, CA 94306 (US). PELMAN, Todd, Allen [US/US]; 19 Moss St., #4, San Francisco, CA 94103 (US). ZEH, Mark, A. [US/US]; 1018 Barbara Avenue, Mountain View, CA 94040 (US). SAMUELS, Rudy, Lucas [US/US]; 710 Horseshoe Hill Rd., Bolinas, CA 94924 (US). LICATA, David, William [US/US]; 1932 Menalto, Ave., Menlo Park, CA 94025 (US).

(74) LUKAS, Rimas, T. 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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61F 11/08, 9/02, A41D 13/11, A62B 23/02, 18/08

(11) WO 02/085267 (13) A1

(21) PCT/US02/11680

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/841,479 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PERSONAL PROTECTIVE DEVICES HAVING AN ENERGY ACTIVATED MATERIAL

• DISPOSITIFS DE PROTECTION PERSONNELS COMPRENANT UN MATERIAU A ACTIVATION PAR ENERGIE

(71) CABOT SAFETY INTERMEDIATE CORPORATION [US/US]; 650 Dawson Drive, Newark, DE 19713 (US).

(72) FALCO, Robert, N.; 3206 Thomeycroft Drive, Indianapolis, IN 46268 (US). KLAD-DEN, Cynthia, A.; 3216 Lupine Drive, Indianapolis, IN 46224 (US).

(74) FOX, David, A.; CANTOR COLBURN LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AU BR CA JP MX NZ ZA.

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

(51)⁷ A61F 13/00

(11) WO 02/085268 (13) A1

(21) PCT/US02/12920

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,862 23 Apr/avr 2001 US (23.04.2001)

(30) 60/292,601 22 May/mai 2001 US (22.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPOSAL SYSTEM FOR TRANSDERMAL DOSAGE FORM

• SYSTEME JETABLE POUR UNE FORME GALENIQUE TRANSDERMIQUE

(71) PURDUE PHARMA L.P. [US/US]; One Stamford Forum, Stamford, CT 06901 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARCENYAK, Geraldine [US/US]; 62 East Rocks Road, Norwalk, CT 06851 (US). ALFONSO, Mark [US/US]; 104 Wedgewood Drive, Easton, CT 06612 (US). GEHRLEIN, Lane [US/US]; 44 Woodside Drive, Warwick, CT 10990 (US). HOWARD, Stephen [US/US]; 17 Autumn Drive, Danbury, CT 06811 (US). TAVERES, Lino [US/US]; 86 South Glen Road, Kinnerton, NJ 07405 (US). GREENBAUM, Ronald [US/US]; 243 Treetop Crescent, Rye Brook, NY 10573 (US). LEVY, Seth [US/US]; 18 Huntington Drive, Danbury, CT 06811 (US). OSHLACK, Benjamin [US/US]; 351 East 8th Street, Apt. 11B, New York, NY 10028 (US).

(74) ROBINSON, Joseph, R. et al. / etc.; Darby & Darby P.C., Post Office Box 5257, New York, NY 10150-5257 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 13/15

(11) WO 02/085269 (13) A1

(21) PCT/SE02/00675

(22) 5 Apr/avr 2002 (05.04.2002)

(25) sv (26) en

(30) 0101389-5 20 Apr/avr 2001 SE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ABSORBENT PRODUCT WITH IMPROVED FIT

• PRODUIT ABSORBANT A AJUSTEMENT AMELIORE

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

(72) DREVIK, Solgun; Hulebäcksvägen 16, S-435 35 Mölnlycke (SE). ASP, Fredrik; Boklundsvägen 5, S-439 35 Onsala (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 A61F 13/15

(11) WO 02/085270 (13) A1

(21) PCT/SE02/00676

(22) 5 Apr/avr 2002 (05.04.2002)

(25) sv (26) en

(30) 0101391-1 20 Apr/avr 2001 SE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ABSORBENT PRODUCT WITH IMPROVED FIT

• ARTICLE ABSORBANT PRESENTANT UN MEILLEUR AJUSTEMENT

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

(72) DREVIK, Solgun; Hulebäcksvägen 16, S-435 35 Mölnlycke (SE). ASP, Fredrik; Boklundsvägen 5, S-439 35 Onsala (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 A61F 13/15, 13/551

(11) WO 02/085271 (13) A1

(21) PCT/US01/30964

(22) 3 Oct/oct 2001 (03.10.2001)

(25) en (26) en

(30) 29/140,508 19 Apr/avr 2001 US (19.04.2001)

(30) 09/916,795 27 Jul/juil 2001 US (27.07.2001)

(30) 09/965,930 28 Sep/sep 2001 US (28.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PACKAGE FOR ABSORBENT ARTICLES

• PAQUET POUR ARTICLES ABSORBANTS

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US).

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

(72, 75) MCMANUS, James, D. [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). NICHOLS, Ann, M. [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US). SIMONS, Paul, M. [US/US]; c/o Kimberly-Clark Worldwide, Inc., 401 North Lake Street, P.O. Box 349, Neenah, WI 54957 (US).

(74) CRAWFORD, David, E., Jr. 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 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 A61F 13/15, B32B 3/00, A61F 101/00

(11) WO 02/085272 (13) A1

(21) PCT/US02/11628

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/285,642 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPERSIBLE ABSORBENT PRODUCTS HAVING A MULTI-LAYERED STRUCTURE AND METHODS OF MANUFACTURE AND USE

• PRODUITS ABSORBANTS DISPERSIBLES A STRUCTURE MULTICOUCHE ET PROCEDES DE FABRICATION ET D'UTILISATION

(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). GROSS, Sara, Beth; 10134 Spiritoak Lane, Cincinnati, OH 45252 (US). O'DONNELL, Hugh, Joseph; 240 Hillcrest Drive, Cincinnati, OH 45215 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ A61F 13/15

(11) WO 02/085273 (13) A1

(21) PCT/US02/12332

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,251 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADULT INCONTINENCE ARTICLE WITH BODY-SHAPING ELASTICS

• ARTICLE D'INCONTINENCE POUR ADULTE AVEC ELASTIQUES EPOUSANT LE CORPS

(71) PARAGON TRADE BRANDS, INC. [US/US]; 180 Technology Parkway, Norcross, GA 30092 (US).

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

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

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 13/15, D06C 23/04, D04H 1/54

(11) WO 02/085274 (13) A1

(21) PCT/US02/12454

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01109745.8 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SELF-BONDED CORRUGATED FIBROUS WEB
• BANDE FIBREUSE ONDULEE AUTOAGGLOMERE

(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) BUSAM, Ludwig [DE/DE]; Talstrasse 17, 65510 Hunstetten (DE). SCAIFE, Martin [GB/DE]; Am Kuckucksbusch 2, 53913 Heimerzheim (DE). SPREHE, Matthias, Rudolf [DE/DE]; Dickeicherfeld 6, 50170 Kerpen-Sindorf (DE). STIEHL, Gabriele [DE/DE]; Neustrasse 3, 65824 Schwalbach (DE).

(74) THE PROCTER & GAMBLE COMPANY; Reed, T., David, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

(51)⁷ A61F 13/15

(11) WO 02/085275 (13) A1

(21) PCT/US02/06058

(22) 27 Feb/fév 2002 (27.02.2002)

(25) en (26) en

(30) 09/839.061 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SEGMENTED TAMPON PLEDGET
• TAMPON HYGIENIQUE SEGMENTE

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

(72) JACKSON, Dane, R.; 18 Leary Avenue, Bloomingdale, NJ 07403 (US). DAVIS, Jacqueline; 1709 North Shore Road, Revere, MA 02151 (US). KNUETH, Rosemary, F.; 30 Hughes Street, Congers, NY 10920 (US).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, LLP, One Landmark Square,, Stamford, CT 06901 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 A61F 13/495, 13/82

(11) WO 02/085276 (13) A1

(21) PCT/US01/13181

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • BODY FLUID MANAGEMENT DEVICE USED WITH ABSORBENT ARTICLE
• DISPOSITIF DE GESTION DE FLUIDES BIOLOGIQUES UTILISE AVEC UN ARTICLE ABSORBANT

(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) TANAKA, Yuko [JP/JP]; 4-11, Momoyamada 6-chome, Tarumi-ku, Kobe, Hyogo 655-0854 (JP). D'ACCHIOLI, Vincenzo [IT/JP]; #301 Paramount Rokko, Shinohara Kitamachi 3-14-12, Nada-ku, Kobe, Hyogo 657-0068 (JP).

(74) REED, David, T.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 A61F 13/551, 13/476, 13/472

(11) WO 02/085277 (13) A2

(21) PCT/US02/12456

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,741 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SANITARY NAPKIN HAVING A WIPE ARTICLE ASSOCIATED THEREWITH
• SERVIETTE HYGIENIQUE A LAQUELLE EST ASSOCIE UN ARTICLE NETTOYANT

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) STEGER, Christine, G.; 8056 Second Street, West Chester, OH 45069 (US). DARBY, Dennis, Allen; 12145 Crown Court, Cincinnati, OH 45241 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ A61G 7/02 // 9/00

(11) WO 02/085278 (13) A1

(21) PCT/SE02/00804

(22) 24 Apr/avr 2002 (24.04.2002)

(25) sv (26) en

(30) 0101425-7 24 Apr/avr 2001 SE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A SUPPORT DEVICE
• DISPOSITIF DE SUPPORT

(71, 72) ANSLIN, Jyrki [SE/SE]; Klockarvägen
22, S-147 71 Grödinge (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns
Patentbyrå KB, Östermalmsgatan 58, S-114
50 Stockholm (SE).

(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 A61H 39/04, 7/00

(11) WO 02/085279 (13) A1

(21) PCT/IT02/00264

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) RM01A000225 24 Apr/avr 2001 IT
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF-STIMULATING CLOGS FOR
PERFORMING A ZONAL THERAPY
WITH CHANGEABLE STIMULATION
POINTS

• SOCQUES AUTO-STIMULANTES
POUR THERAPIE DE ZONE AVEC
POINTS DE STIMULATION CHAN-
GEANTS

(71, 72) RICCARDI, Raffaele [IT/IT]; Via A.
Vivaldi, 17, I-Aprilla (IT).

(74) SARPI, Maurizio; Studio Ferrario, Via Col-
lina, 36, I-00187 Roma (IT).

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

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

(51)⁷ A61J

(11) WO 02/085280 (13) A2

(21) PCT/US02/12156

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,277 17 Apr/avr 2001 US
(17.04.2001)

(30) 10/124,599 16 Apr/avr 2002 US
(16.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HIGH GAS BARRIER RECEPTACLE
AND CLOSURE ASSEMBLY

• RECEPTACLE HAUTEMENT IMPER-
MEABLE AUX GAZ ET ENSEMBLE
DE FERMETURE

(71) BAXTER INTERNATIONAL INC.
[US/US]; One Boxter Parkway, DF3-3E,
Deerfield, IL 60015 (US).

(72) SMITH, Sidney, T.; 1326 West Everett
Road, Lake Forest, IL 60045 (US).

(74) PETRILLO, Kathleen, M. 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).

(51)⁷ A61J 1/00, A61M 15/00

(11) WO 02/085281 (13) A1

(21) PCT/GB02/01728

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 0109693.2 19 Apr/avr 2001 GB
(19.04.2001)

(30) 0200063.6 3 Jan/jan 2002 GB
(03.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEDICAMENT CONTAINER

• RECIPIENT A MEDICAMENTS

(71) TECHNOLOGY INNOVATION LIM-
ITED [GB/GB]; 45 Boundary Road, West
Bridgford, Nottingham NG2 7BZ (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHAWLA, Brindra, Paul, Singh
[GB/GB]; 45 Boundary Road, West Bridg-
ford, Nottingham NG2 7BZ (GB).

(74) JONES, Stephen, Anthony; Adamson
Jones, Broadway Business Centre, 32a
Stoney Street, Nottingham NG1 1LL (GB).

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

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 A61J 7/04

(11) WO 02/085282 (13) A1

(21) PCT/FR02/01329

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05510 24 Apr/avr 2001 FR
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR NASAL OR ORAL
SPRAYING OF A FLUID OR POW-
DERY PRODUCT

• DISPOSITIF DE PULVERISATION
NASALE OU ORALE DE PRODUIT
FLUIDE OU PULVERULENT

(71) VALOIS S.A. [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRUNA, Pascal [FR/FR]; 15, avenue
des Canadiens, F-76300 Sotteville les Rouen
(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 A61K

(11) WO 02/085283 (13) A2

(21) PCT/EP02/04434

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) A 670/01 25 Apr/avr 2001 AT
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VACCINE AGAINST TUBERCULOSIS
• VACCIN CONTRE LA TUBERCULOSE

(71) CISTEM BIOTECHNOLOGIES GMBH
[AT/AT]; Rennweg 95 B, A-1030 Vienna
(AT).

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

(72, 75) LINGNAU, Karen [DE/AT]; Gallgasse
8/10, A-1130 Vienna (AT). EGYED, Alena
[SK/AT]; Stranzenberggasse 14/11, A-1130
Vienna (AT). GRILL, Sonja [AT/AT];
Grundbachweg 7, A-4020 Linz (AT).

(74) SONN, Helmut et al. / etc.; Riemergasse 14,
A-1010 Vienna (AT).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 02/085284 (13) A2

(21) PCT/US01/42987

(22) 7 Nov/nov 2001 (07.11.2001)

(25) en (26) en

(30) 60/246,063 7 Nov/nov 2000 US
(07.11.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXPANDABLE FOAM-LIKE BIOMA-
TERIALS AND METHODS

• BIOMATERIAUX SEMBLABLES A
LA MOUSSE EXPANSIBLES ET PRO-
CEDES

(71) CRYOLIFE, INC. [US/US]; 1655 Roberts
Boulevard, NW, Kennesaw, GA 30144 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YUKSEL, K., Umit [US/US]; 4308
Edgewater Drive, Kennesaw, GA 30144 (US).
BIRD, Ana, T. [US/US]; 4839 Lake Park
Lane, Acworth, GA 30101 (US). BLACK,
Kirby, S. [US/US]; 1371 Peppergrass Trail,
Acworth, GA 30101 (US).

(74) DAVIDSON, Bryan, H.; Nixon & Vander-
hye 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 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

(11) WO 02/085285 (13) A2

(21) PCT/US02/12149

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,786 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND REAGENTS FOR
REGULATING BONE AND CARTI-
LAGE FORMATION

• METHODES ET COMPOSITIONS PER-
METTANT DE REGULER LA FORMA-
TION OSSEUSE ET CARTILAGINEUSE

(71) WYETH [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).

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

(72, 75) CLANCY, Brian [US/US]; 6 Pondview
Lane, Ashland, MA 01721 (US). PITTMAN,
Debra, M. [US/US]; 20 North Shore Road, P.
O. Box 171, Windham, NH 03087 (US).

(74) CLAUSS, Isabelle, M. et al. / etc.; Patent
Group, Foley Hoag LLP, 155 Seaport Boule-
vard, Boston, MA 02210-2698 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/085286 (13) A2

(21) PCT/US02/12196

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,845 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF USING SECONDARY
LYMPHOID ORGAN CHEMOKINE TO
MODULATE PHYSIOLOGICAL PRO-
CESSES IN MAMMALS

• PROCEDES PERMETTANT D'UTILI-
SER LA CHIMIOKINE D'ORGANES
LYMPHOIDES SECONDAIRES POUR
MODULER DES PROCESSUS PHYSIO-
LOGIQUES CHEZ DES MAMMIFERES

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

(72) DUBINETT, Steven, M.; 2125 Rosco-
mare Road, Los Angeles, CA 90077 (US).
STRIETER, Robert, W.; 15901 Tobin
Way, Sherman Oaks, CA 91403-4733 (US).

SHARMA, Shervan; 5910 Wrightcrest
Drive, Culver City, CA 90232 (US). BATRA,
Raj, K.; 241 South Lapeer Drive, Bervely
Hills, CA 90211 (US).

(74) WOOD, William, J.; Gates & Cooper LLP,
Suite 1050, 6701 Center Drive West, Los An-
geles, 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 A61K

(11) WO 02/085287 (13) A2

(21) PCT/US02/12237

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,079 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MINIMAL ADENOVIRAL VECTORS
FOR IMMUNIZATION

• VECTEURS ADENOVIRAUX MINI-
MAUX POUR IMMUNISATION

(71) GENSTAR THERAPEUTICS CORP.
[US/US]; 10865 Altman Row, San Diego,
CA 92121 (US).

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

(72, 75) ZHANG, Wei-Wei [CN/CN]; 13203
Haxton Place, San Diego, CA 92130 (US).
JOSEPHS, Steven [US/US]; 12919 Brome
Way, San Diego, CA 92121 (US). BAL-
AGUE, Cristina [ES/ES]; Marina 191, 1-2,
E-08013 Barcelona (ES). FANG, Xiangming
[CN/US]; 13203 Haxton Place, San Diego,
CA 92130 (US).

(74) CHAEL, Mark, L.; McDonnell Boehnen
Hulbert & Berghoff, Suite 3200, 300 South
Wacker Drive, Chicago, IL 60606 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/085288 (13) A2

(21) PCT/US02/12326

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,649 **19 Apr/avr 2001** US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STABLE ANTIMICROBIALS IN STRUCTURED WATER
• ANTIMICROBIENS STABLES DANS DE L'EAU STRUCTUREE

(71) COLOR ACCESS, INC. [US/US]; 7 Corporate Center Drive, Melville, NY 11747 (US).

(72) IONITA-MANZATU, Vasile; 256 Haypath Road, Old Bethpage, NY 11804 (US). IONITA-MANZATU, Mireal, Christina; 256 Haypath Road, Old Bethpage, NY 11804 (US). CIOCA, Gheorghe; 1 West Cliff Lane, Lake Grove, NY 11755 (US). SCHNITTGER, Steven, F.; 10 Willetts Place, Huntington Station, NY 11746 (US). BEVACQUA, Andrew, J.; 8 Redbridge Court, East Setauket, NY 11733 (US).

(74) LOWNEY, Karen, A.; The Estee Lauder Companies, Inc., 125 Pinelawn Road, Melville, NY 11747 (US).

(81) JP.

(51)⁷ A61K

(11) WO 02/085289 (13) A2

(21) PCT/US02/12341

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,760 **18 Apr/avr 2001** US
(18.04.2001)

(30) 09/935,124 **21 Aug/août 2001** US
(21.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MODULATORS OF ANGIOGENESIS
• MODULATEUR DE L'ANGIOGENESE

(71) RIGEL PHARMACEUTICALS, INCORPORATED [US/US]; 240 East Grand Avenue, South San Francisco, CA 94080 (US). ATCHISON, Robert, E. [US/US]; 631 O'Farrel St., #911, San Francisco, CA 94109 (US).

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

(72, 75) LORENS, James, B. [US/US]; 7 Berenda Way, Portola Valley, CA 94028 (US). XU, Weiduan [CN/US]; 1800 22nd Avenue, #203, San Francisco, CA 94122 (US). BOGENBERGER, Jakob [DE/US]; 425 Broderick St., San Francisco, CA 94117 (US).

(74) PARENT, Annette, S. et al. / etc.; Townsend 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 02/085290 (13) A2

(21) PCT/US02/12342

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,763 **18 Apr/avr 2001** US
(18.04.2001)

(30) 09/971,228 **3 Oct/oct 2001** US
(03.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EDG : MODULATORS OF LYMPHOCYTE ACTIVATION AND MIGRATION
• PROTEINES EDG: MODULATEURS DE L'ACTIVATION ET DE LA MIGRATION DES LYMPHOCYTES

(71) RIGEL PHARMACEUTICALS, INC. [US/US]; 240 East Grand Avenue, South San Francisco, CA 94080 (US).

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

(72, 75) CHU, Peter [US/US]; 15 Lincoln Way #105, San Francisco, CA 94122 (US). JIANG, Yingping [CN/US]; 322 Howard Avenue, Piedmont, CA 94611 (US). LI, Congfen [US/US]; 2115 Everglades Place, Davis, CA 95616 (US). LIAO, X., Charlene [US/US]; 3751 Middlefield Road, Palo Alto, CA 94303 (US). MASUDA, Esteban [CO/US]; 232 Oakhurst Place, Menlo Park, CA 94025 (US). PARDO, Jorge [US/US]; 2295 44th Avenue, San Francisco, CA 94116 (US). SPENCER, Colin [US/US]; 1167 Bush St., #205, San Francisco, CA 94109 (US). ZHAO, Haoran [US/US]; 330 Port Royal, Foster City, CA 94404 (US).

(74) PARENT, Annette, S. 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 02/085291 (13) A2

(21) PCT/US02/12356

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,674 **18 Apr/avr 2001** US
(18.04.2001)

(30) 60/284,676 **18 Apr/avr 2001** US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOCICEPTIN ANALOGS

• ANALOGUES DE LA NOCICEPTINE

(71) EURO-CELTIQUE, S.A. [LU/LU]; 122 Boulevard de la Petrusse, L-2330 Luxembourg (LU).

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

(72, 75) GOEHRING, Richard, R. [US/US]; 6195 Potters Lane, Pipersville, PA 18947 (US). CHEN, Zhengming [CN/US]; 11 Hudnut Lane, Belle Mead, NJ 08502 (US). KYLE, Donald [US/US]; 29 Weatherfield Drive, Newtown, PA 18940 (US). VICTORY, Sam [US/US]; 55 Quince Circle, Newtown, PA 18940 (US). GHARAGOZLOO, Parviz [GB/US]; 16 Blue Spruce Drive, Pennington, NJ 08534 (US). WHITEHEAD, John [GB/US]; 155 North Street, Newtown, PA 18940 (US).

(74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, 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).

(51)⁷ A61K

(11) WO 02/085292 (13) A2

(21) PCT/US02/12446

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,604 **20 Apr/avr 2001** US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED METHOD FOR TREATING ABERRANT FIBROTIC TISSUE MANIFESTATIONS WITH TOPICAL CALCIUM CHANNEL BLOCKER PREPARATIONS AND IMPROVED COMPOSITION FOR SUCH TREATMENT AND IMPROVED METHOD FOR THE MANUFACTURE THEREOF

• PROCEDE AMELIORE DE TRAITEMENT DE MANIFESTATIONS ABERRANTES DU TISSU FIBREUX AVEC DES PREPARATIONS A BASE D'AGENT BLOQUANT TOPIQUE DES CANAUX DE CALCIUM ET COMPOSITION AMELIOREE UTILISEE DANS CE TRAITEMENT ET SON PROCEDE DE FABRICATION AMELIORE

(63) US 09/839,604 (CON)
20 Apr/avr 2001 (20.04.2001)

(71, 72) EASTERLING, W., Jerry [US/US]; Suite 200, 19230 Stone Oak Parkway, San Antonio, TX 76758 (US).

(74) HENRY, David, G.; 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085293 (13) A2

(21) PCT/US02/12458

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,276 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION OF ALPHA-LIPOIC ACID

• PRODUCTION D'ACIDE ALPHA-LIPOIQUE

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

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

(72, 75) LIAO, Hans, H. [US/US]; 8130 Spruce Trail, Eden Prairie, MN 55347 (US). McFARLAN, Sara, C. [US/US]; 2151 Bayard Avenue, St. Paul, MN 55116 (US).

(74) RYBAK, Sheree, Lynn; Klarquist, Sparkman, LLP, Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR 97204 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085294 (13) A2

(21) PCT/US02/12486

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,003 25 Apr/avr 2001 US (25.04.2001)

(30) 60/294,261 31 May/mai 2001 US (31.05.2001)

(30) 60/348,645 17 Jan/jan 2002 US (17.01.2002)

(30) 60/348,675 17 Jan/jan 2002 US (17.01.2002)

(30) 60/348,644 17 Jan/jan 2002 US (17.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF LOW MOLECULAR WEIGHT ACETAL, ALCOHOL, ACYLATED ALCOHOL AND ESTER COMPOUNDS TO BLOCK OR REDUCE ODOR OF CARBOXYLIC ACIDS

• UTILISATION D'ACETAL A FAIBLE MASSE MOLECULAIRE, D'ALCOOL, D'ALCOOL D'ACYLE ET DE COMPOSES D'ESTERS AFIN DE BLOQUER OU REDUIRE L'ODEUR DES ACIDES CARBOXYLIQUES

(71) SENOMYX, INC. [US/US]; Suite 160, 11099 N. Torrey Pines Road, La Jolla, CA 92037 (US).

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

(72, 75) ROGERS, Dan [AU/US]; 1141 Corley Court, San Diego, CA 92126 (US). WARREN, Craig [CN/US]; 1194 Devonshire Drive, San Diego, CA 92107 (US). QI, Ming [CN/US]; 3762 Ruelle San Raphael, San Diego, CA 92130 (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).

(51)⁷ A61K

(11) WO 02/085295 (13) A2

(21) PCT/US02/12532

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,190 20 Apr/avr 2001 US (20.04.2001)

(30) 60/344,142 24 Oct/oct 2001 US (24.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND COMPOSITIONS FOR THE MODULATION OF BIOFILM FORMATION

• PROCEDES ET COMPOSITIONS DESTINES A MODULER LA FORMATION DE FILM BIOLOGIQUE

(71) THE UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 214 Technology Innovation Center, Iowa City, IA 52242 (US). PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).

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(72, 75) WHITELEY, Marvin [US/US]; 2820 Misty Ridge Drive, Norman, OK 73071 (US). BANGERA, M., Gita [IN/US]; 3116 164th Street, S.W. #714, Lynwood, WA 98037 (US). LORY, Stephen [US/US]; 52 Clay Street, Cambridge, MA 02140 (US).

GREENBERG, E., Peter [US/US]; 4020 Stewart Road, Iowa City, IA 52240 (US).

(74) HANLEY, Elizabeth, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085296 (13) A2

(21) PCT/US02/12552

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/286,139 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION, FORMULATIONS AND KIT FOR TREATMENT OF RESPIRATORY AND LUNG DISEASE WITH NON-GLUCOCORTICOID STEROIDS AND/OR UBIQUINONE AND A BRONCHODILATING AGENT

• COMPOSITION, ET FORMULATIONS DE TRAITEMENT DE MALADIES RESPIRATOIRES ET PULMONAIRES A L'AIDE DE STEROIDES NON-GLUCOCORTICOIDES ET/OU D'UBIQUINONE ET D'UN AGENT BRONCHO-DILATATEUR

(71) EPIGENESIS PHARMACEUTICALS, INC. [US/US]; Viviana Amzel, General Counsel, Legal Dept., 7 Clarke Drive, Cranbury, NJ 08512 (US).

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(72, 75) NYCE, Jonathan, W. [US/US]; 1 Keithwood Court, Titusville, NJ 08560 (US).

(74) AMZEL, Viviana; EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ 08512 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085297 (13) A2

(21) PCT/US02/12555

(22) 22 Apr/avr 2002 (22.04.2002)

- (25) en (26) en
 (30) 60/286,124 24 Apr/avr 2001 US
 (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITIONS & FORMULATIONS WITH A NON-GLUCOCORTICOID STEROID &/OR A UBIQUINONE & KIT FOR TREATMENT OF RESPIRATORY & LUNG DISEASE
- COMPOSITIONS ET FORMULATIONS CONTENANT UN STEROIDE NON GLUCOCORTICOIDE ET/OU UN UBIQUINONE ET KIT DESTINES AU TRAITEMENT DES MALADIES RESPIRATOIRES ET PULMONAIRES
- (71) EPIGENESIS PHARMACEUTICALS, INC. [US/US]; Viviana Amzel, General Counsel, Legal Dept., 7 Clarke Drive, Cranbury, NJ 08512 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NYCE, Jonathan, W. [US/US]; 1 Keithwood Court, Titusville, NJ 08560 (US).
- (74) AMZEL, Viviana; EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ 08512 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085298 (13) A2
 (21) PCT/US02/12612
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 60/285,163 20 Apr/avr 2001 US
 (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST CANCER
- NOUVEAUX GENES, COMPOSITIONS, KITS ET METHODES D'IDENTIFICATION, D'ÉVALUATION, DE PREVENTION ET DE THERAPIE DU CANCER DU SEIN
- (71) MILLENNIUM PHARMACEUTICAL, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LILLIE, James [US/US]; 3 Wild Meadow Lane, Natick, MA 01760 (US). PALERMO, Adam [US/US]; 42 Holyoke Road, Somerville, MA 02144 (US). WANG, Youzhen [US/US]; 53 Brookdale Road, Newton, MA 02460 (US). STEINMANN, Kathleen [US/US]; 115 Washington Street, Unit 3B, Winchester, MA 01890 (US). ELIAS, Josh [US/US]; 1471 Beacon Street, #4, Brookline, MA 2246 (US). MERTENS, Maureen [US/US]; 14 Woodman Drive, Stow, MA 01775 (US).
- (74) SMITH, DeAnn, F.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085299 (13) A2
 (21) PCT/US02/12690
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 60/285,884 23 Apr/avr 2001 US
 (23.04.2001)
 (30) 09/840,637 23 Apr/avr 2001 US
 (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THERAPEUTIC TREATMENTS USING THE DIRECT APPLICATION OF ANTIMICROBIAL METAL COMPOSITIONS
- TRAITEMENTS THERAPEUTIQUES RECORANT A L'APPLICATION DIRECTE DE COMPOSITIONS METALLIQUES ANTIMICROBIENNES
- (71) NUCRYST PHARMACEUTICALS CORP. [US/US]; 50 Audubon Road, Suite B, Wakefield, MA 01880 (US).
- (72) BURRELL, Robert, E.; 52022 Range Road 221, Sherwood Park, Alberta (CA). GILLIS, Scott, H.; 80 Alford Circle, Concord, MA 01742 (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 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 A61K
 (11) WO 02/085300 (13) A2
 (21) PCT/US02/12814
 (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
 (30) 60/285,933 23 Apr/avr 2001 US
 (23.04.2001)
 (30) 60/286,257 24 Apr/avr 2001 US
 (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS OF USING INTERLEUKIN-7 TO MODULATE PHYSIOLOGICAL PROCESSES IN MAMMALIAN PULMONARY FIBROBLASTS
- UTILISATION DE L'INTERLEUKINE 7 POUR MODULER DES PROCESUS PHYSIOLOGIQUES DES FIBROBLASTES PULMONAIRES DE MAMMIFERES
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUANG, Min [US/US]; 237 W. Fernfield Drive, Monterey Park, CA 91754 (US). SHARMA, Sherven [US/US]; 5910 Wrighterest Drive, Culver City, CA 90232 (US). BATRA, Raj, K. [US/US]; 241 South Lapeer Drive, Bervely Hills, CA 90211 (US). STRIETER, Robert, M. [US/US]; 15901 Tobin Way, Sherman Oaks, CA 91403-4733 (US). DUBINETT, Steven, M. [US/US]; 2125 Roscomare Road, Los Angeles, CA 90077 (US). KEANE, Michael, P. [IE/US]; 2707 Granville Avenue, Los Angeles, CA 90064 (US).
- (74) WOOD, William, J.; Gates & Cooper LLP, Suite 1050, 6701 Center Drive West, 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A61K
 (11) WO 02/085301 (13) A2
 (21) PCT/US02/12856
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 60/286,347 25 Apr/avr 2001 US
 (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC AMIDOPIPERAZINE DERIVATIVES
- INDOLE, AZAINDOLE ET DERIVES D'AMIDOPIPERAZINE HETEROCYCLIQUES ASSOCIES
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

- (72) **WANG, Tao**; 1312 Town Brooke, Middletown, CT 06457 (US). **WALLACE, Owen, B.**; 4341 Chase Circle, Zionsville, IN 46077 (US). **MEANWELL, Nicholas, A.**; 15 Valli Drive, East Hampton, CT 06424 (US). **ZHANG, Zhongxing**; 14 Martelshamheath Lane, Madison, CT 06443 (US). **BENDER, John, A.**; 21 Brookview Lane, Middletown, CT 06457 (US). **KADOW, John, F.**; 9 Quarry Run, Wallingford, CT 06492 (US). **YEUNG, Kap-Sun**; 164 Dorset Lane, Madison, CT 06443 (US).
- (74) **DUBOFF, Samuel, J.**; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085302** (13) A2
(21) PCT/US02/12880
(22) **22 Apr/avr 2002 (22.04.2002)**
(25) en (26) en
(30) 60/285,582 **20 Apr/avr 2001 US (20.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS OF TREATING INTESTINAL INFLAMMATION
• METHODES DE TRAITEMENT DE L'INFLAMMATION INTESTINALE
- (71) **BETH ISRAEL DEACONESS MEDICAL CENTER, INC.** [US/US]; 330 Brookline Avenue, Boston, MA 02213 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POTHOULAKIS, Charalabos** [US/US]; 22 Allen Avenue, Waban, MA 02468 (US). **MANTZOROS, Christos, S.** [GR/US]; 50 Goddard Avenue, Brookline, MA 02215 (US).
- (74) **HOGLE, Doreen, 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).
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- (51)⁷ A61K
(11) **WO 02/085303** (13) A2
(21) PCT/US02/12935
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
(30) 60/286,193 **24 Apr/avr 2001 US (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUBSTITUTED TETRACYCLINE COMPOUNDS FOR THE TREATMENT OF MALARIA
• COMPOSES DE TETRACYCLINE SUBSTITUES DESTINES AU TRAITEMENT DE LA MALARIA
- (71) **PARATEK PHARMACEUTICALS, INC.** [US/US]; 75 Kneeland Street, Boston, MA 02111 (US).
- (72) **DRAPER, Michael**; 27 Partridge Lane, Plaistow, NH 03865 (US). **NELSON, Mark, L.**; 735 Worcester Road, Wellesley, MA 02481 (US). **FRECHETTE, Roger**; 40 Estate Lane, Reading, MA 01867 (US).
- (74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085304** (13) A2
(21) PCT/US02/13062
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
(30) 60/286,386 **25 Apr/avr 2001 US (25.04.2001)**
(30) 09/931,399 **16 Aug/août 2001 US (16.08.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROLIPOSOMAL DRUG DELIVERY SYSTEM
• SYSTEME D'ADMINISTRATION DE MEDICAMENTS PRO-LIPOSOMIQUES
- (71) **WESTERN CENTER FOR DRUG DEVELOPMENT, COLLEGE OF PHARMACY, WESTERN UNIVERSITY OF HEALTH SCIENCES** [US/US]; 309 East Second Street, College Plaza, Pomona, CA 91766 (US).
- (72) **BETAGERI, Guru, V.**; 17325 East View Drive, Chino Hills, CA 91709 (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085306** (13) A2
(21) PCT/US02/13103
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085305** (13) A2
(21) PCT/US02/13092
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
(30) 60/286,099 **24 Apr/avr 2001 US (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITIONS AND METHODS FOR INDUCING CANCER CELL DEATH
• COMPOSITIONS ET METHODES POUVANT INDUIRE LA MORT DE CELLULES CANCEREUSES
- (63) US 60/286,099 (CIP)
24 Apr/avr 2001 (24.04.2001)
- (71) **WASHINGTON UNIVERSITY** [US/US]; 660 South Euclid Avenue, Saint Louis, MO 63110-1093 (US).
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- (72, 75) **DOWDY, Steven, F.** [US/US]; 40 Arundel Place, Clayton, MO 63105 (US). **EZHEVSKY, Sergei, A.** [RU/US]; Apt. J., 12355 Tributary Drive, Maryland Heights, MO 63043 (US). **WADIA, Jay, S.** [CA/US]; Apt. #914, 1055 Bay Street, Toronto, Ontario M5S 3A3 (CA).
- (74) **BUCHANAN, Robert, L.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, IP Practice Group of Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085307** (13) A2
(21) PCT/US02/13103
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en

(30) 09/841,730 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF FOLLISTATIN TO INCREASE MUSCLE MASS

• UTILISATION DE LA FOLLISTATINE POUR ACCROITRE LA MASSE MUSCULAIRE

(71) THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDECINE [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).

(72) LEE, Se-Jin; 6711 Chokeberry Road, Baltimore, MD 21209 (US). MCPHERRON, Alexandra, C.; 519 W. Pratt Street #218, Baltimore, MD 21201 (US).

(74) HAILE, Lisa, A.; Gray Cary Ware & Freidenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085307 (13) A2

(21) PCT/US02/13120

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,244 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GLYCOPEPTIDE ANTIBIOTICS

• ANTIBIOTIQUES GLYCOPEPTIDIQUES

(71) AMERICAN CYANAMID COMPANY [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) ABBANAT, Darren, Robert; 19 Chestnut Street, Cornwall, NY 12518 (US). BERNAN, Valerie, Sue; 350 Phillips Hill Road, New City, NY 10956 (US). DUSHIN, Russell, George; 188 South Mountain Pass, Garrison, NY 10524 (US). GREENSTEIN, Michael; 45 Lorna Lane, Suffern, NY 10901 (US). HE, Haiyin; 189 Howard Street, Washington Township, NJ 07675 (US). LANG, Stanley, Albert; 7921 Vista Guyaba, Carlsbad, CA 92009 (US). NEWMAN, Howard; 11 Kuperman Drive, Monsey, NY 10952 (US). SAKYA, Subas; 17 Egret Road, East Lyme, CT 06333 (US). SUM, Phaik-Eng; 16 Chamberlain Court, Pomona, NY 10970 (US). SUTHERLAND, Alan, Gordon; 4 Hallmark Drive, New City, NY 10956 (US). WANG, Ting-Zhong; 23 Powder Horn Drive, Suffern, NY 10901 (US). RUPPEN, Mark, Edward; 6 Lea Court, Garnerville, NY 10953 (US). BAILEY, Arthur, Emery; 15 Short Drive, Bethel, CT 06801 (US). CHI, Ping; One Christie Drive, New City,

NY 10956 (US). SHEN, Bo; 6 Gail Drive, Apt. C, Nyack, NY 10960 (US). KONG, Fangming; 620 Birch Avenue, River Vale, NJ 07675 (US). LOTVIN, Jason, Arnold; 171 Country Club Drive, Unit 7, Union, NJ 07083 (US).

(74) MORAN, Daniel, B.; Wyeth, Patent Law Dept., Five Giralda Farms, Madison, NJ 07940 (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 : (m)

(51)⁷ A61K

(11) WO 02/085308 (13) A2

(21) PCT/US02/13135

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,137 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITIONS, FORMULATIONS AND KIT WITH ANTI-SENSE OLIGONUCLEOTIDE AND ANTI-INFLAMMATORY STEROID AND/OR UBIQUINONE FOR TREATMENT OF RESPIRATORY AND LUNG DISEASE

• COMPOSITIONS, FORMULATIONS ET TROUSSES CONTENANT DES OLIGONUCLEOTIDES ANTI-SENS ET DES STEROIDES ANTI-INFLAMMATOIRES ET/OU UN UBIQUINONE POUR LE TRAITEMENT DE MALADIES RESPIRATOIRES OU PULMONAIRES

(71) EPIGENESIS PHARMACEUTICALS, INC. [US/US]; Viviana Amzel, 7 Clarke Drive, Cranbury, NJ 08512 (US).

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(72, 75) NYCE, Jonathan, W. [US/US]; 1 Keithwood Court, Titusville, NJ 08560 (US). LI, Yukui [US/US]; 2024 Old Stone Mill Drive, Cranbury, NJ 08512 (US). SANDRASAGRA, Anthony [CA/US]; 60 Springwood Ct., Princeton Walk, South Brunswick, NJ 08540 (US). KATZ, Evan [US/US]; 26 Point of Woods Drive, North Brunswick, NJ 08902 (US). PABALAN, Jonathan [PH/US]; 44 Mystic Way South, Burlington, NJ 08016 (US). AGUILAR, Douglas [US/US]; 170 Clendenny Avenue, Jersey City, NJ 07304 (US). MILLER, Shoreh [US/US]; 19 Marshal Court, Plainsboro, NJ 08536 (US). TANG, Lei [US/US]; 23 Harvard Circle, Princeton, NJ 08540 (US). SHAHABUDDIN, Syed [IN/US]; 23 Camellia Court, Newtown, PA 18940 (US).

(74) AMZEL, Viviana; EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ 08512 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 A61K

(11) WO 02/085309 (13) A2

(21) PCT/US02/13143

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,036 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION, FORMULATIONS & KITS FOR TREATMENT OF RESPIRATORY & LUNG DISEASE WITH ANTI-SENSE OLIGONUCLEOTIDES & A BRONCHODILATING AGENT

• COMPOSITION, PREPARATIONS ET TROUSSES POUR LE TRAITEMENT DE MALADIE RESPIRATOIRE ET PULMONAIRE AU MOYEN D'OLIGONUCLEOTIDES ANTISENS ET D'UN AGENT BRONCHODILATEUR

(71) EPIGENESIS PHARMACEUTICALS, INC. [US/US]; Viviana Amzel, General Counsel, Legal Dept., 7 Clarke Drive, Cranbury, NJ 08512 (US).

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

(72, 75) NYCE, Jonathan, W. [US/US]; 1 Keithwood Court, Titusville, NJ 08560 (US). LI, Yukui [US/US]; 2024 Old Stone Mill Dr., Cranbury, NJ 08512 (US). SANDRASAGRA, Anthony [CA/US]; 60 Springwood Ct., South Brunswick, NJ 08540 (US). KATZ, Evan [US/US]; 26 Point of Woods Drive, North Brunswick, NJ 08902 (US). PABALAN, Jonathan [PH/US]; 44 Mystic Way South, Burlington, NJ 08016 (US). AGUILAR, Douglas [US/US]; 170 Clendenny Avenue, Jersey City, NJ 07304 (US). MILLER, Shoreh [US/US]; 19 Marshal Court, Plainsboro, NJ 08536 (US). TANG, Lei [US/US]; 23 Harvard Circle, Princeton, NJ 08540 (US). SHAHABUDDIN, Syed [IN/US]; 23 Camellia Court, Newton, PA 18940 (US).

(74) AMZEL, Viviana; EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ 08512 (US).

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

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

FI FR GB GR IE IT LU 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 02/085310 (13) A2

(21) PCT/US02/13218

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,402 25 Apr/avr 2001 US
(25.04.2001)

(30) 60/290,156 10 May/mai 2001 US
(10.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIBIOTICS AA-896
• ANTIBIOTIQUES AA-896

(71) AMERICAN CYANAMID COMPANY
[US/US]; Five Giralda Farms, Madison, NJ
07940 (US).

(72) CARTER, Guy, Thomas; 350 Phillips Hill
Road, New City, NY 10956 (US). LOTVIN,
Jason, Arnold; 171 Country Club Drive,
Unit #7, Union, NJ 07083 (US). MCDON-
ALD, Leonard, Alexander; 323 Briar Patch,
Mountainside, NJ 07092 (US).

(74) MORAN, Daniel, B.; Wyeth, Patent Law
Department, Five Giralda Farms, Madison,
NJ 07940 (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).

(51)⁷ A61K

(11) WO 02/085311 (13) A2

(21) PCT/US02/13269

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/285,939 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HCG FORMULATION
• FORMULATION DE GONADOTRO-
PINE CHORIONIQUE HUMAINE

(71, 72) ACEVEDO, Hernan, F. [US/US]; 120
Laurelwood Drive, Pittsburgh, PA 15237
(US).

(74) JOHNSON, Larry, D. et al. / etc.; Johnson
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Barn Boulevard, Santa Rosa, CA 95403 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/085312 (13) A2

(21) PCT/US02/15254

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/839,449 20 Apr/avr 2001 US
(20.04.2001)

(30) 09/839,395 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PURIFYING
6-METHOXY OMEPRAZOLE
• PROCEDE DE PURIFICATION DE
6-METHOXY OMEPRAZOLE

(71) AAIPHARMA, INC. [US/US]; 2320 Scien-
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(72, 75) WHITTAL, Linda [US/US]; 2204 Split
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P.O. Box 37428, Raleigh, NC 27627 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 6/083

(11) WO 02/085313 (13) A1

(21) PCT/US02/01917

(22) 24 Jan/jan 2002 (24.01.2002)

(25) en (26) en

(30) 09/838,950 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DENTAL COMPOSITION
• COMPOSITION DENTAIRE

(71) 3M INNOVATIVE PROPERTIES COM-
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(72) FALSAFI, Afshin; Post Office Box 33427,
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(74) SKOLNICK, Steven, E. et al. / etc.; Of-
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fice Box 33427, Saint Paul, MN 55133-3427
(US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 7/00, 7/46

(11) WO 02/085314 (13) A1

(21) PCT/PL02/00021

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) P.347279 24 Apr/avr 2001 PL
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COSMETIC AND PERFUME PROD-
UCTS WITH AMBER
• PRODUITS COSMETIQUES ET PAR-
FUMANTS A BASE D'AMBRE

(71) FABRYKA KOSMETYKÓW "POL-
LENA-EWA" S.A. [PL/PL]; ul. 6 Sierpnia
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(72) PAWLAK, Krzysztof; ul. Kruszykowa
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ryka; ul. Konstytucyjna 9, PL-90-155
Łódź (PL). MACIERZYŃSKA, Ewa;
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KACZMARSKA, Hanna; ul. Piotrkowska
247, PL-90-456 Łódź (PL). WIEJACKA,
Jadwiga; ul. Elsnera 9, PL-92-504 Łódź
(PL). KASZCZYK, Grazyna; ul. Dwor-
cowa 2 a, PL-91-120 Galków Duży (PL).
KWIECINSKA, Danuta; ul. Bardowskiego
52, PL-91-084 Łódź (PL).

(81) CN LT 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 A61K 7/00

(11) WO 02/085315 (13) A2

(21) PCT/US02/12515

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,628 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SKIN CLEANSING COMPOSITION INCORPORATING ANIONIC PARTICLES

- COMPOSITION DE NETTOYAGE DE PEAU CONTENANT DES PARTICULES ANIONIQUES

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

(72) KOENIG, David, William; 1486 Plank Road, Menasha, WI 54952 (US). LANGE, Beth, Anne; 415 South Olde Oneida, #319, Appleton, WI 54911 (US). MINERATH, Bernard, J.; 2301 Vinland Road, Oshkosh, WI 54901 (US). WILLIAMSON, Bruce, Scott; 2020 Compass Pointe Drive, Alpharetta, GA 30005 (US).

(74) GOFF, Christopher, M. 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 US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/06, 7/08, 7/11

(11) WO 02/085316 (13) A1

(21) PCT/JP02/03903

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-123314 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COSMETIC HAIR PREPARATION COMPOSITION

- COMPOSITION DE PREPARATION COSMETIQUE CAPILLAIRE

(71) GE TOSHIBA SILICONES CO., LTD. [JP/JP]; 2-31, Roppongi 6-chome, Minato-ku, Tokyo 106-8550 (JP).

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

(72, 75) SUENAGA, Koji [JP/JP]; c/o GE TOSHIBA SILICONES CO., LTD., 2-31, Roppongi 6-chome, Minato-ku, Tokyo 106-8550 (JP). SATO, Akinori [JP/JP];

c/o GE TOSHIBA SILICONES CO., LTD., 2-31, Roppongi 6-chome, Minato-ku, Tokyo 106-8550 (JP).

(74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (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 A61K 7/09

(11) WO 02/085317 (13) A1

(21) PCT/US02/08270

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,197 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION AND METHODS FOR LANTHONIZING KERATIN FIBERS USING AT LEAST ONE ORGANIC NUCLEOPHILE AND AT LEAST ONE HYDROXIDE ION GENERATOR

- COMPOSITION ET PROCEDE DE LANTHONISATION DE FIBRES DE KERATINE UTILISANT AU MOINS UN NUCLEOPHILE ORGANIQUE ET AU MOINS UN GENERATEUR D'IONS HYDROXYDES

(71) L'OREAL S.A. [FR/FR]; 14 Rue Royale, F-75008 Paris (FR).

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

(72, 75) CANNELL, David, W. [US/US]; 1314 Highland Avenue, Plainfield, NJ 07060 (US). MATHUR, Hitendra [IN/US]; 23B Woodbridge Terrace, Woodbridge, NJ 07095 (US). NGUYEN, Nghi, Van [US/US]; 8 Churchill Road, Edison, NJ 08820 (US).

(74) GARRETT, Arthur, S. 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).

(51)⁷ A61K 7/155

(11) WO 02/085318 (13) A1

(21) PCT/FR02/01363

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05320 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WATER-SOLUBLE DEPILATORY COMPOSITIONS

• COMPOSITIONS DEPILATOIRES HYDROSOLUBLES

(71, 72) DES GARETS, Christian [FR/FR]; 52, rue de Saxe, F-75007 Paris (FR).

(74) PEAUCELLE, Chantal et al. / etc.; Cabinet Armengaud Aine, 3, Avenue Bugeaud, F-75116 Paris (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 7/16, 7/18

(11) WO 02/085319 (13) A1

(21) PCT/US01/13056

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLUORIDE COMPATIBLE CALCIUM CARBONATE

- CARBONATE DE CALCIUM COMPATIBLE AVEC LE FLUOR

(71) SPECIALTY MINERALS (MICHIGAN) INC. [US/US]; 30600 Telegraph Road, Bingham Farms, MI 49080 (US).

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

(72, 75) WERNETT, Patrick, Clinton [US/US]; 645 Center Hill Road, Upper Black Eddy, PA 18972 (US). BASHEY, Ali, Reza [US/US]; 2575 Lynnhurst Drive, Bethlehem, PA 18017-3939 (US).

(74) POWELL, Marvin, J.; 1 Highland Avenue, Bethlehem, PA 18017 (US).

(81) AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 A61K 7/32

(11) WO 02/085320 (13) A1

(21) PCT/US02/11923

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/838,802 20 Apr/avr 2001 US (20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TWO-PHASE ROLL-ON COSMETIC PRODUCT
• PRODUIT COSMETIQUE DU TYPE A BILLE A DEUX PHASES
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US). DOW CORNING CORPORATION [US/US]; 2200 W. Salzburg Road CO 1232, Midland, MI 48686 (US).
- (72) AVENDANO, Esther; Presa La Angosture No. 225, D.F.11500 Mexico City (MX). UR-RUTIA-GUTIERREZ, Adriana; Campos Eliscos 345 Piso 5, D.F. CP 11550 Colonia Polanco (MX). LEE, Wilson; 51 Hearststone Road, Bloomfield, NJ 07003 (US). TANG, Xiaozhong; 190 Crestview Road, Bridgewater, NJ 08807 (US).
- (74) MIANO, Rosemary, M.; 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).
- Declarations / Déclarations :
(s) for all designations / pour toutes les designations
(t) for all designations / pour toutes les designations
- (51)⁷ A61K 7/38, 7/32
(11) WO 02/085321 (13) A1
(21) PCT/US02/12005
(22) 12 Apr/avr 2002 (12.04.2002)
(25) en (26) en
(30) 09/839,659 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANTIPERSPIRANT ACTIVES FROM A GLASS FORM AND PRODUCTS MADE THEREWITH
• AGENTS ACTIFS ANTISUDORIFIQUES ISSUS D'UNE FORME DE VERRE ET PRODUITS FABRIQUES A L'AIDE DE CES AGENTS
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) CAI, Heng; 1659 Covington Road, Yardley, PA 19067 (US). TANG, Xiaozhong; 190 Crestview Road, Bridgewater, NJ 08807 (US). FAN, Aixing; 44 Reinhart Way, Bridgewater, NJ 08807 (US).
- (74) MIANO, Rosemary, M.; 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).
- Declarations / Déclarations :
(s) for all designations / pour toutes les designations
(t) for all designations / pour toutes les designations
- (51)⁷ A61K 7/40
(11) WO 02/085322 (13) A1
(21) PCT/IL01/01222
(22) 31 Dec/déc 2001 (31.12.2001)
(25) en (26) en
(30) 142812 25 Apr/avr 2001 IL (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SKIN-PROTECTIVE COMPOSITIONS EFFECTIVE AGAINST VESICANTS AND PERCUTANEOUS CHEMICAL AGENTS
• COMPOSITIONS DE PROTECTION DE LA PEAU EFFICACES CONTRE LES VESICANTS ET LES AGENTS CHIMIQUES PERCUTANES
- (71) STATE OF ISRAEL PRIME MINISTER'S OFFICE ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH [IL/IL]; P.O.B. 19, 74100 Nes Ziona (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARNES, Itzhak [IL/IL]; 19 Zahal Street, 55451 Kiron (IL). KADAR, Tamar [IL/IL]; 22 Shenkin Street, 75282 Rishon Lezion (IL). FISHBINE, Eliezer [IL/IL]; 5 Manor Street, 74028 Ness-Ziona (IL).
- (74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/48
(11) WO 02/085323 (13) A2
(21) PCT/EP02/03826
(22) 6 Apr/avr 2002 (06.04.2002)
(25) fr (26) fr
(30) 2464 19 Apr/avr 2001 MC (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COSMETIC PRODUCT FOR SKIN CARE BASED ON A THREE-ELEMENT MOLECULAR COMPLEX
• PRODUIT COSMETIQUE POUR L'ENTRETIEN DE L'EPIDERME A BASE D'UN COMPLEXE TRIO MOLECULAIRE
- (71, 72) EISENBERG, José [MC/MC]; 24 Avenue Princesse Grace, MC 98002 MONACO (MC).
- (74) HAUTIER, Jean-Louis; Office Méditerranéen de Brevets d'Invention et de Marques, Cabinet Hautier, 24 Rue Masséna, F-06000 Nice (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/48
(11) WO 02/085324 (13) A2
(21) PCT/US02/12455
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/286,136 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PRE-MOISTENED ANTIBACTERIAL WIPE
• CHIFFON ANTIBACTERIEN PREHUMIDIFIE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) WEST, Bonnie, Kay; 4224 Oakwood Avenue, Cincinnati, OH 45236 (US). KIEVIT, David, John; 903 Catalpa Avenue, Cincinnati, OH 45239 (US). RICHARDS, Marc, Fredric; 1040 Keefer Road, Corinth, KY 41010 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085325 (13) A2
(21) PCT/EP02/04363
(22) 19 Apr/avr 2002 (19.04.2002)
(25) de (26) de
(30) 101 19 522.2 20 Apr/avr 2001 DE (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION AND USE OF A SUSPENSION COMPOSITION COMPRISING AN ULTRASOUND CONTRAST MEDIUM
• PREPARATION ET UTILISATION D'UNE COMPOSITION SOUS FORME DE SUSPENSION CONTENANT UN PRODUIT DE CONTRASTE POUR ULTRASONS

(71) INNOVACELL BIOTECHNOLOGIE GMBH [AT/AT]; Müllerstrasse 33, A-6020 Innsbruck (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARKSTEINER, Rainer [AT/AT]; Rennhamnergasse 35, A-6360 Schwaz (AT).

(74) HERTZ, Oliver; v. Bezold & Sozien, Akademiestrasse 7, 80799 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085326 (13) A2
(21) PCT/US02/12320
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 09/837,620 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CONTROL OF PROCESS HUMIDITY TO PRODUCE LARGE, POROUS PARTICLES
• REGULATION D'HUMIDITE DE PROCEDE AFIN DE PRODUIRE DES PARTICULES POREUSES DE GRANDES DIMENSIONS

(71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US). THE PENN STATE RESEARCH FOUNDATION [US/US]; 113 Technology Center, University Park, PA 16802-7000 (US).

(72) CHEN, Donghao; 16 Eldred Street, Lexington, MA 02420 (US). BATYCKY,

Richard, P.; 11 Madison Avenue, Newton, MA 02460 (US). JOHNSTON, Lloyd; 32 Winslow Road, Belmont, MA 02478 (US). MINTZES, Jeffrey; 29 Wiltshire Road_1st Floor, Brighton, MA 02135 (US).

(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/10, 31/00, 31/05, 31/12, 31/138, 31/19, 31/192, 31/195, 31/196, 31/381, 31/40, 31/405, 31/407, 31/4152, 31/4184, 31/421, 31/4365, 31/44, 31/54, 31/5415, 31/603, 31/616, 45/06, A61P 29/00, 35/00, 35/04

(11) WO 02/085327 (13) A2
(21) PCT/US02/12702

(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,756 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • USE OF NSAIDS FOR PREVENTION AND TREATMENT OF CELLULAR ABNORMALITIES OF THE FEMALE REPRODUCTIVE TRACT
• UTILISATION D'ANTI-INFLAMMATOIRES NON STEROIDIENS POUR LA PREVENTION ET LE TRAITEMENT D'ANOMALIES CELLULAIRES DE L'APPAREIL GENITAL FEMININ

(71) ORALTECH PHARMACEUTICALS, INC. [US/US]; 21 Ellsworth Avenue, Cambridge, MA 02139 (US).

(72) PRIOR, Christopher, P.; 460 Wyldhaven Road, Rosemont, PA 19010 (US). EISEN, Dore; 6720 Beechlands Avenue, Cincinnati, OH 45237 (US). HERLANDS, Louis; 21 Ellsworth Avenue, Cambridge, MA 02139 (US).

(74) AGRIS, Cheryl, H.; P.O. Box 806, Pelham, NY 10803 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/107
(11) WO 02/085328 (13) A2
(21) PCT/EP02/01416

(22) 11 Feb/fév 2002 (11.02.2002)
(25) de (26) de
(30) 101 09 708.5 11 Feb/fév 2001 DE (11.02.2001)

(30) 101 08 614.8 22 Feb/fév 2001 DE (22.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PRODUCING AN ACTIVE INGREDIENT CONCENTRATE, AND AN ACTIVE INGREDIENT CONCENTRATE
• PROCEDE DE PRODUCTION D'UN CONCENTRE DE PRINCIPE ACTIF ET CONCENTRE DE PRINCIPE ACTIF

(71) AQUANOVA GERMAN SOLUBILISATE TECHNOLOGIES (AGT) GMBH [DE/DE]; Birkenweg 8-10, 64295 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEHNAM, Dariush [DE/DE]; Schwalbenweg 9, 64380 Rossdorf (DE).

(74) ZINNGREBE, Horst; Saalbaustrasse 11, 64283 Darmstadt (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 9/16, 9/72, B01F 13/00, B01J 19/00, A61K 9/00, B01D 9/00, B01F 5/06

(11) WO 02/085329 (13) A1
(21) PCT/EP02/00885
(22) 29 Jan/jan 2002 (29.01.2002)
(25) de (26) de
(30) 101 19 718.7 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR THE CONTINUOUS PRODUCTION OF MEDICAMENTS FOR INHALATION
• PROCEDE DE PRODUCTION CONTINUE DE MEDICAMENTS A INHALER

(71) BOEHRINGER INGELHEIM PHARMA KG [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZIERENBERG, Bernd [DE/DE]; Goethestrasse 1, 55411 Bingen am Rhein (DE). SCHIEWE, Jörg [DE/DE]; Bodenheimer Strasse 20, 55129 Mainz (DE).

(74) FUCHS, Jürgen, H. et al. / etc.; Arbaham-Lincoln-Strasse 7, 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 A61K 9/16, A61L 27/12, C04B 28/34, C01B 25/32, A61L 27/32
- (11) WO 02/085330 (13) A1
- (21) PCT/CA02/00565
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,331 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOFUNCTIONAL HYDROXYAPATITE COATINGS AND MICROSPHERES FOR IN-SITU DRUG ENCAPSULATION
- REVETEMENTS D'HYDROXYAPATITE BIOFUNCTIONNELS ET MICROSOPHERES PERMETTANT L'ENCAPSULATION DE MEDICAMENTS IN SITU
- (71) THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; Industry Liaison Office, Room 331, IRC Building, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).
- (72) TROCZYNSKY, Tomasz; 1050 E. 57th Avenue, Vancouver, British Columbia V5X 1T6 (CA). LIU, Dean-Mo; 58-7151 Moffatt Road, Richmond, British Columbia V6Y 3G9 (CA). YANG, Quanzu; 304-2715 Osoyoos Crescent, Vancouver, British Columbia V6T 1X7 (CA).
- (74) OYEN, Gerald, O., S. et al. / etc.; Oyen Wiggs Green & Mutala, #480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 9/20, 31/54
- (11) WO 02/085331 (13) A1
- (21) PCT/EP02/04246
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 01109815.9 21 Apr/avr 2001 EP (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FAST DISINTEGRATING MELOXICAM TABLET
- COMPRIME DE MELOXICAME A DESINTEGRATION RAPIDE
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHKI, Toshimitsu [JP/JP]; 4-25-40, Kanda, IKEDA, Osaka 563-0043 (JP). YAMAGUCHI, Wakuko [JP/JP]; 2-11-15-402, Minami-Hibarigaoka, TAKARAZUKA, Hyogo 665-0811 (JP). OHTA, Kotoe [JP/JP]; 2-10-4-301, Sakane, KAWANISHI, Hyogo 666-0021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/20
- (11) WO 02/085332 (13) A1
- (21) PCT/IB02/00959
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (30) 01108252.6 31 Mar/mar 2001 EP (31.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A PHARMACEUTICAL TABLET SYSTEM THAT FLOATS ON GASTRIC FLUID FOR MULTIPULSE RELEASE OF ACTIVE SUBSTANCE AND RESPECTIVE PROCESSES OF PRODUCING SAME AND A CUP-SHAPED ENVELOPE OF SAME
- COMPRIME PHARMACEUTIQUE QUI FLOTTE SUR UN LIQUIDE GASTRIQUE POUR LA LIBERATION A IMPULSIONS MULTIPLES D'UNE SUBSTANCE ACTIVE ET DES PROCÉDES RESPECTIFS DE PRODUCTION D'UN TEL COMPRIME ET D'UN ENROBAGE EN FORME DE COUPELLE POUR LEDIT COMPRIME
- (71) JAGOTEC AG [CH/CH]; Eptingerstrasse 51, CH-4132 Muttentz (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRENIER, Pascal [FR/FR]; Résidence la Clef des Champs, 5, rue des Vignes, F-68510 Kappelen (FR). QUINTON, Jacques [FR/FR]; Rue de Château, Site Lang, F-68640 Waldighofen (FR). RICCHI, Elisabeth [FR/FR]; 41, rue Emile Desvaux, F-75019 Paris (FR). VERGNAULT, Guy [FR/FR]; 9, rue du Bois Vert, F-68300 Saint Louis (FR).
- (74) SCHMAUDER & PARTNER AG; Zwängiweg 7, CH-8038 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/22, 9/30, 9/52
- (11) WO 02/085333 (13) A1
- (21) PCT/EP02/04381
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) de (26) de
- (30) 101 20 092.7 25 Apr/avr 2001 DE (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GASTRIC JUICE-RESISTANT DEVICE FOR RELEASING MUCOADHESIVE ACTIVE SUBSTANCE EXCIPIENTS AND METHOD FOR PRODUCING THIS GASTRIC JUICE-RESISTANT DEVICE
- DISPOSITIF RESISTANT AU SUC GASTRIQUE SERVANT A LIBERER DES EXCIPIENTS DE PRINCIPES ACTIFS ADHERANT AUX MUQUEUSES, ET PROCÉDE DE REALISATION DU DISPOSITIF RESISTANT AU SUC GASTRIQUE
- (71) LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmannstrasse 2, 56626 Andernach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOLOMONIDOU, Despina [GR/DE]; Schongauerweg 42, 79110 Freiburg (DE). KRUMME, Markus [DE/DE]; Feldkirchstrasse 46, 56567 Neuwied (DE). ASSMUSSEN, Bodo [DE/DE]; Im Schloßgarten 10, 56170 Bendorf-Sayn (DE). KREUTER, Jörg [DE/DE]; Georg-August-Zinn-Strasse 13, 61350 Bad Homburg (DE).
- (74) FLACCUS, Rolf-Dieter; Bussardweg 10, 50389 Wesseling (DE).
- (81) 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).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : IN 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; (u) for / pour US only / seulement
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- (51)⁷ A61K 9/22
- (11) WO 02/085334 (13) A1
- (21) PCT/FR02/01421
- (22) 25 Apr/avr 2002 (25.04.2002)

(25) fr (26) fr
(30) 01/05554 25 Apr/avr 2001 FR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MEDICINAL TABLET WITH PROLONGED RELEASE OF THE ACTIVE PRINCIPLE

• PASTILLE MEDICAMENTEUSE A LIBERATION LENTE DU PRINCIPE ACTIF

(71) PIERRE FABRE MEDICAMENT [FR/FR]; 45, place Abel-Gance, F-92100 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPINAY, Pierre [—/FR]; Le Village, F-31460 Toutens (FR). TORRES, Robert [—/FR]; 19, rue Docteur Arrazat, F-31520 Ramonville Saint Agne (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) BR CA CN JP 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 A61K 9/22, 9/32, 9/36, 9/58, 9/62

(11) WO 02/085335 (13) A1

(21) PCT/US02/12140

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,463 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A NOVEL COATING FOR A SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION

• NOUVEL ENROBAGE DE COMPOSITION PHARMACEUTIQUE A LIBERATION LENTE

(71) NOSTRUM PHARMACEUTICALS INC. [US/US]; 203 Somerset Court, Princeton, NJ 08540 (US).

(72) MULYE, Nirmal; 203 Somerset Court, Princeton, NJ 08540 (US).

(74) GROLZ, Edward, W. et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/46

(11) WO 02/085336 (13) A1

(21) PCT/FR02/01321

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05389 20 Apr/avr 2001 FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ORODISPERSIBLE EFFERVESCENT TABLETS

• COMPRIMES EFFERVESCENTS ORODISPERSIBLES

(71) ETHYPHARM [FR/FR]; 21, rue Saint Matthieu, F-78550 Houdan (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELMAS, Pascal [FR/CA]; 97 rue McCulloch, Outremont, Quebec H2V 3L8 (CA). ZUCCARELLI, Jean-Marc [FR/FR]; 126 chemin de la Parouquine, F-06600 Antibes (FR). MALLARD, Claire [FR/FR]; Rue des Petits Ponts, F-06250 Mougins le Haut (FR). MCGINITY, James, W. [US/US]; 4209 Dunning Lane, Austin, TX 78746 (US).

(74) TOUATI, Catherine et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 9/51

(11) WO 02/085337 (13) A1

(21) PCT/CA02/00542

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/284,884 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICELLAR DRUG DELIVERY SYSTEMS FOR HYDROPHOBIC DRUGS

• SYSTEMES D'ADMINISTRATION DE MEDICAMENT MICELLAIRE POUR MEDICAMENTS HYDROPHOBES

(71) THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; University-Industry Liaison Office, IRC Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACKSON, John, K. [CA/CA]; 540 West 29th Avenue, Vancouver, British Columbia V5Z 2H7 (CA). ZASTRE, Jason [CA/CA]; 6950 Fremlin Street, Vancouver, British Columbia V6P 3W4 (CA). BURT, Helen, M. [CA/CA]; 3182 West 28th Avenue, Vancouver, British Columbia V6L 1X5 (CA).

(74) ROBINSON, J., Christopher et al. / etc.; Smart & Biggar, Suite 2200, 650 West Georgia Street, Box 11560 Vancouver Centre, Vancouver, British Columbia V6B 4N8 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/72, 31/46

(11) WO 02/085338 (13) A2

(21) PCT/CA02/00450

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/841,181 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IPRATROPIUM FORMULATION FOR PULMONARY INHALATION

• FORMULATION D'IPRATROPIUM POUR INHALATION PULMONAIRE

(71) PHARMASCIENCE INC. [CA/CA]; 6111 Royalmount Avenue, Suite 100, Montréal, Québec H4P 2T4 (CA).

(72) WULFFHART, Harold; 85 Skymark Drive, Classic, Suite 2006, North York, Toronto, Ontario M2H 3P2 (CA). AYOUB, Khaldoun; 32 Tomlin Circle, Richmond Hill, Ontario L4C 7T3 (CA). LOGIJDICE, Rosemary; 182 Misty Meadow Drive, Woodbridge, Ontario L4L 3V7 (CA). PISKORZ, Hanna; 30 Vitlor Drive, Richmond Hill, Ontario L4E 3W3 (CA).

(74) OGILVY RENAULT et al. / etc.; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(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 A61K 9/72

(11) WO 02/085339 (13) A1

(21) PCT/US02/07550

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 09/834,158 12 Apr/avr 2001 US
(12.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PHASE CHANGE THERMAL INTERFACE COMPOSITION HAVING INDUCED BONDING PROPERTY

• COMPOSITION D'INTERFACE THERMIQUE A CHANGEMENT DE PHASE PRESENTANT UNE PROPRIETE DE LIAISON INDUITE

- (71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rock Hill, CT 06067 (US).
- (72) **FLYNN, Gary, E.**; 6 Calle de Princesa, Cota de Caza, CA 92679 (US). **RAUCH, Robert, A.**; 21621 Fernleaf Drive, Lake Forest, CA 92630 (US).
- (74) **STETINA BRUNDA GARRED & BRÜCKER**; 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/085340** (13) A2
- (21) PCT/CA02/00573
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 60/286,158 **24 Apr/avr 2001 US (24.04.2001)**
- (30) 10/127,645 **22 Apr/avr 2002 US (22.04.2002)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OLIGONUCLEOTIDE COMPOSITIONS AND THEIR USE TO INDUCE DIFFERENTIATION OF CELLS
- COMPOSITIONS OLIGONUCLEOTIDIQUES ET LEUR UTILISATION DANS LA DIFFÉRENTIATION CELLULAIRE
- (71) **BIONICHE LIFE SCIENCES, INC.** [CA/CA]; 231 Dundas Street East, P.O. Box 1570, Belleville, Ontario K8N 5J2 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FILION, Mario, C.** [CA/CA]; 1145 Jean-de Brebeuf Street, Laval, Québec H7E 3Y6 (CA). **PHILLIPS, Nigel, C.** [CA/CA]; 101 Seigniory Avenue, Pointe-Claire, Québec H2R 1J6 (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 31/00**
- (11) **WO 02/085341** (13) A2
- (21) PCT/IT01/00430
- (22) **3 Aug/août 2001 (03.08.2001)**
- (25) en (26) en
- (30) RM2001A000218 **23 Apr/avr 2001 IT (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITION FOR THE PREVENTION OR TREATMENT OF LEARNING DISORDERS IN CHILDREN SUFFERING FROM ATTENTION DEFICIT/HYPERACTIVE DISORDER
- COMPOSITION POUR LA PREVENTION OU LE TRAITEMENT DE TROUBLES D'APPRENTISSAGE CHEZ LES ENFANTS SOUFFRANT DE TROUBLE D'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION
- (71) **SIGMA-TAU HEALTHSCIENCE S.P.A.** [IT/IT]; Via Treviso, 4, I-00040 Pomezia (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GAETANI, Franco** [IT/IT]; Via degli Oleandri, 45, I-00040 Ariccia (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, A61P 35/00, A61K 31/407, 45/06**
- (11) **WO 02/085342** (13) A2
- (21) PCT/US02/12321
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/284,731 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • USE OF NSAIDS FOR PREVENTION AND TREATMENT OF CELLULAR ABNORMALITIES OF THE LUNG OR BRONCHIAL PATHWAY
- UTILISATION DE MEDICAMENTS ANTI-INFLAMMATOIRES NON STEROÏDIENS POUR LA PREVENTION ET LE TRAITEMENT D'ANOMALIES CELLULAIRES DES VOIES BRONCHIQUE OU PULMONAIRE
- (71) **ORALTECH PHARMACEUTICALS, INC.** [US/US]; 21 Ellsworth Avenue, Cambridge, MA 02139 (US).
- (71, 72) **EISEN, Drove** [US/US]; 6720 Beechlands Avenue, Cincinnati, OH 45237 (US). **HERLANDS, Louis** [US/US]; 21 Ellsworth Avenue, Cambridge, MA 02139 (US).
- (72) **PRIOR, Christopher, P.**; 460 Wyldhaven Road, Rosemont, PA 19010 (US).
- (74) **AGRIS, Cheryl, H.**; Attorney at Law, P.O. Box 806, Pelham, NY 10803 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/04, 31/135, 31/415, C07C 63/08, 63/64, C07D 231/18, 257/04**
- (11) **WO 02/085343** (13) A1
- (21) PCT/US02/06259
- (22) **1 Mar/mar 2002 (01.03.2002)**
- (25) en (26) en
- (30) 60/269,958 **1 Mar/mar 2001 US (01.03.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THROMBOPOIETIN MIMETICS
- MIMÉTIQUES DE LA THROMBOPOÏÉTINE
- (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) **DUFFY, Kevin, J.** [GB/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **LUENGO, Juan, I.** [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **SHAW, Antony, N.** [GB/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).
- (74) **DUSTMAN, Wayne, J.**; Smithkline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (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 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)
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- (51)⁷ **A61K 31/137**
- (11) **WO 02/085344** (13) A1
- (21) PCT/US02/12573
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 09/839,570 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)

(54) • NONINVASIVE METHODS FOR TREATING HEMANGIOMAS
• PROCEDES NON INVASIFS POUR LE TRAITEMENT D'HEMANGIOMES

(63) US 09/839,570 (CON)
20 Apr/avr 2001 (20.04.2001)

(71, 72) EASTERLING, W., Jerry [US/US];
19230 Stone Oak Parkway, Suite 200, San Antonio, TX 76758 (US).

(74) HENRY, David, G.; 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/195

(11) WO 02/085345 (13) A1

(21) PCT/US02/12425

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,571 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PREVENTING OR TREATING BREAST, PROSTATE AND/OR CERVICAL CANCER WITH N,N-DIMETHYLGLYCINE

• METHODE DE PREVENTION OU DE TRAITEMENT DU CANCER DU SEIN, DE LA PROSTATE ET/OU DU COL DE L'UTERUS A L'AIDE DE N,N-DIMETHYLGLYCINE

(71) FOODSCIENCE CORPORATION [US/US]; 20 New England Drive, Essex Junction, VT 05453 (US).

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

(72, 75) KENDALL, Roger, V. [US/US]; 190 Huntley Road, Westford, VT 05494 (US).

(74) BRANIGAN, Jennifer, J. et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/198, A61P 21/00, 25/28, 35/00, 43/00 // A61K 31/198, 31:198

(11) WO 02/085346 (13) A1

(21) PCT/CA02/00435

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 101 16 589.7 3 Apr/avr 2001 DE
(03.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF CREATINE FOR THE AMELIORATION OF OXIDATIVE STRESS

• UTILISATION DE LA CREATINE POUR ATTENUER L'AGRESSION OXYDATIVE

(71) 2458781 CANADA INC. [CA/CA]; 292, Adrien Patenaude, Vaudreuil-Dorion, Québec J7V 5V5 (CA).

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

(72, 75) DRÖGE, Prof., Dr., Wulf [DE/DE]; Mittlerer Rainweg 2/1, D-69118 Heidelberg (DE).

(74) MANOLAKIS, Emmanuel et al. / etc.; Gowling Lafleur Henderson L.L.P., 1, Place Ville-Marie, 37th Floor, Montréal, Québec H3B 3P4 (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 31/255, 7/16, 9/08, 9/12, 9/20, 9/70, A61P 1/02, 29/00

(11) WO 02/085347 (13) A1

(21) PCT/JP02/03589

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-118113 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PREVENTIVE/REMEDIAL AGENT FOR INFLAMMATORY DISEASE IN ORAL-CAVITY MUCOSA AND THE LIKE

• AGENT PROPHYLACTIQUE/THERAPEUTIQUE POUR LES MALADIES INFLAMMATOIRES DES MUQUEUSES DE LA CAVITE BUCCALE ET AUTRES

(71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).

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

(72, 75) KIMOTO, Yasuhiko [JP/JP]; 3-18-1-1020, Yamadahigashi, Suita-shi, Osaka 565-0821 (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).

(51)⁷ A61K 31/28, 33/00, 33/24

(11) WO 02/085348 (13) A1

(21) PCT/US02/13000

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,901 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF RARE EARTH COMPOUNDS FOR THE PREVENTION OF KIDNEY STONE DISEASE

• UTILISATION DE COMPOSES DES TERRES RARES POUR LA PREVENTION DE CALCULS RENAUUX

(71) ANORMED INC. [CA/CA]; No. 200 - 20353 64th Avenue, Langley, British Columbia V2Y 1N5 (CA).

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

(72, 75) ABRAMS, Michael, J. [US/US]; 9543 Stein Road, Custer, WA 98240 (US). BRIDGER, Gary, J. [US/US]; 445 So. Garden Street, Bellingham, WA 98225 (US). FRICKER, Simon, P. [GB/CA]; 5882 237A Street, Langley, British Columbia V2Z 1A6 (CA). IDZAN, Stefan, R. [CA/CA]; 20268 45th Avenue #303, Langley, British Columbia V3A 8R9 (CA).

(74) MURASHIGE, Kate, H. et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, 7/48, A61P 17/00

(11) WO 02/085349 (13) A1

(21) PCT/EP02/02373

(22) 5 Mar/mar 2002 (05.03.2002)

(25) de (26) de

- (30) 101 11 046.4 **6 Mar/mar 2001** DE
(06.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • USE OF ACTIVE SUBSTANCE COMBINATIONS FROM ALPHA LIPOIC ACID AND SUBSTANCES THAT ABSORB LIGHT IN THE UV-A AND/OR UV-B RANGE FOR USE IN THE TREATMENT AND/OR PROPHYLAXIS OF UNDESIRE CUTANEOUS PIGMENTATION
- UTILISATION DE COMBINAISONS DE PRINCIPES ACTIFS ISSUES D'ACIDE ALPHA-LIPOIQUE ET DE SUBSTANCES ABSORBANT LA LUMIERE DANS LA PLAGE DES UV-A OU DES UV-B POUR TRAITER ET/OU ASSURER LA PROPHYLAXIE DE PIGMENTATION CUTANEE INDESIRABLE
- (71) BEIERSDORF AG [DE/DE]; 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MUNDT, Claudia [DE/DE]; Holunderstrasse 89A, 28207 Bremen (DE). SCHULZ, Jens [DE/DE]; Friedrichsruher Strasse 54, 12169 Berlin (DE). SCHÖNROCK, Uwe [DE/DE]; Lerchenweg 33, 23866 Nahe (DE). WOLBER, Rainer [DE/DE]; Liebmannweg 11, 22399 Hamburg (DE). KRUSE, Inge [DE/DE]; Schlüterstrasse 3, 20146 Hamburg (DE).
- (74) BEIERSDORF AG; 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).
- 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 A61K 31/4025
(11) WO 02/085350 (13) A1
(21) PCT/KR02/00509
(22) 25 Mar/mar 2002 (25.03.2002)
(25) ko (26) en
(30) 2001/21191 **19 Apr/avr 2001** KR
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PRODIGIOSIN COMPOSITION FOR THE TREATMENT OF RHEUMATIC ARTHRITIS
- COMPOSITION DE PRODIGIOSINE POUR LE TRAITEMENT DE L'ARTHRITE RHUMATISMALE
- (71) KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY [KR/KR]; 52, Oun-dong, Yusong-gu, Taejon 305-333 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Hwan-Mook [KR/KR]; 133-1301 Hanbit APT, Oun-dong, Yusong-gu, Taejon 305-755 (KR). HAN, Sang-Bae [KR/KR]; 16-1, #204-8, Sajik-dong, Heungduck-gu, Chungju, Choongchungbukdo 361-100 (KR). LEE, Chang-Woo [KR/KR]; 102, Nadong, Bugilbilla, 8-16 Duckarm-dong, Daeduck-gu, Taejon 306-200 (KR). LEE, Ki-Hoon [KR/KR]; 410-1607 Expo APT, Jeonmin-dong, Yusong-gu, Taejon 305-390 (KR). PARK, Se-Hyung [KR/KR]; 101-1302 Chowon APT, Mannyun-dong, Seo-gu, Taejon 302-150 (KR). KIM, Hyoung-Chin [KR/KR]; 105-805 Hanmayul APT, 200-4 Songgang-dong, Yusong-gu, Taejon 305-503 (KR). KIM, Young-Kook [KR/KR]; 102-601 Hanbit APT, Oun-dong, Yusong-gu, Taejon 305-333 (KR).
- (74) LEE, Duck-Rog; YEiL Patent & Trademark Int'l, 2nd FL., Yeil Bldg., 700-19 Yorksam-dong, Kangnam-ku, Seoul 135-918 (KR).
- (81) BR 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 A61K 31/4025, A61P 13/08, 35/04
(11) WO 02/085351 (13) A1
(21) PCT/US02/11397
(22) 11 Apr/avr 2002 (11.04.2002)
(25) en (26) en
(30) 09/832,752 **11 Apr/avr 2001** US
(11.04.2001)
(30) 10/118,486 **8 Apr/avr 2002** US
(08.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FAVORABLE MODULATION OF HEALTH-RELATED QUALITY OF LIFE AND HEALTH-RELATED QUALITY-ADJUSTED TIME-TO-PROGRESSION OF DISEASE IN PATIENTS WITH PROSTATE CANCER
- MODULATION FAVORABLE DE LA QUALITE DE LA VIE EN LIAISON AVEC LA SANTE ET DE LA PROGRESSION DANS LE TEMPS DE LA MALADIE AJUSTEE PAR LA QUALITE DE LA VIE LIEE A LA SANTE CHEZ DES PATIENTS ATTEINTS DU CANCER DE LA PROSTATE
- (71) ABBOTT LABORATORIES [US/US]; D-377 AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) SINGH, Amitabh; 7398 Clarewood Ln, Gurnee, IL 60031 (US). PADLEY, Robert, J.; 770 Moffett Rd, Lake Bluff, IL 60044 (US). ASHRAF, Talat; 1725 N. Saint Andrews Dr, Vernon Hills, IL 60061 (US).
- (74) DONNER, B., Gregory et al. / etc.; D-377 AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/42
(11) WO 02/085352 (13) A1
(21) PCT/EP02/04525
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) de (26) de
- (30) 101 20 159.1 **25 Apr/avr 2001** DE
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NMDA-ANTAGONISTS AND NMDA-AGONISTS FOR THE TREATMENT OF ADDICTIVE ILLNESSES
- ANTAGONISTES DES NMDA ET AGONISTES DES NMDA UTILISES POUR TRAITER DES TOXICOMANIES
- (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) BARTOSZYK, Gerd [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE). SEYFRIED, Christoph [DE/DE]; Mathildenstrasse 6, 64342 Seheim-Jugenheim (DE). PRÜCHER, Helmut [DE/DE]; Königsberger Strasse 9, 64646 Heppenheim (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/437, 31/415, A61P 7/02, C07D 471/04, 231/00, 221/00
(11) WO 02/085353 (13) A1
(21) PCT/US02/12204
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 60/284,614 **18 Apr/avr 2001** US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • 1,4,5,6-TETRAHYDROPYRAZOLO-[3,4-C]-PYRIDIN-7-ONES AS FACTOR XA INHIBITORS
- 1,4,5,6-TETRAHYDROPYRAZOLO-[3,4-C]-PYRIDIN-7-ONES UTILISEES COMME INHIBITEURS DU FACTEUR XA
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (72) PINTO, Donald, J.; 425 Brentford Road, Kennett Square, PA 19348 (US). GALEMMO, Robert, A.; 3039 Stump Hall Road, Collegeville, PA 19426 (US).
- (74) BELFIELD, Jing, S. et al. / etc.; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/438, 31/498, C07D 221/20, 471/02

(11) WO 02/085354 (13) A1

(21) PCT/US02/12357

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,670 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPIROINDENE AND SPIROINDANE COMPOUNDS

• COMPOSES SPIRO-INDENE ET SPIRO-INDANE

(71) EURO-CELTIQUE S.A. [LU/LU]; 122 Boulevard de la Petrusse, L-2330 Luxembourg (LU).

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

(72, 75) GOEHRING, Richard, R. [US/US]; 6195 Potters Lane, Pipersville, PA 18947 (US). KYLE, Donald [US/US]; 29 Weatherfield Drive, Newtown, PA 18940 (US). VICTORY, Sam [US/US]; 55 Quince Circle, Newtown, PA 18940 (US).

(74) DAVIDSON, Clifford, M. 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/438, C07D 471/10

(11) WO 02/085355 (13) A1

(21) PCT/US02/12376

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,675 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPIROPYRAZOLE COMPOUNDS

• COMPOSES DE SPIROPYRAZOLE

(71) EURO-CELTIQUE, S.A. [LU/LU]; 122, boulevard de la Petrusse, L-2230 Luxembourg (LU).

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

(72, 75) GOEHRING, R., Richard [US/US]; 6195 Potters Lane, Pipersville, PA 18947 (US). KYLE, Donald [US/US]; 29 Weatherfield Drive, Newtown, PA 18940 (US). LEE, Gary [GB/US]; 105 St. Clair Court, Princeton, NJ 08540 (US). GHARAGOZLOO, Parviz [GB/US]; 16 Blue Spruce Drive, Pennington, NJ 08534 (US). VICTORY, Sam [US/US]; 55 Quince Circle, Newtown, PA 18940 (US).

(74) DAVIDSON, Clifford, M. 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/44, C07D 471/04

(11) WO 02/085356 (13) A1

(21) PCT/US02/12319

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,615 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • 1, 4, 5, 6-TETRAHYDROPYRAZOLO-[3, 4-C]-PYRID IN-7-ONES AS FACTOR XA INHIBITORS

• 1, 4, 5, 6-TETRAHYDROPYRAZOLO-[3, 4-C]-PYRIDINE-7-ONES COMME INHIBITEURS DU FACTEUR XA

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Patent Dept., P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) PINTO, Donald, J.; 425 Brentford Road, Kennett Square, PA 19348 (US). GALEMMO, Robert, J.; 3039 Stump Hall Road, Collegeville, PA 19426 (US). ORWAT, Michael, J.; 118 S. Colts Neck Way, Hockessin, DE 19707 (US). QUAN, Mimi, L.; 113 Venus Drive, Newark, DE 19711 (US).

(74) BELFIELD, Jing, S. et al. / etc.; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/44, 31/48, 31/415, 31/445, C07D 211/04, 211/06, 235/24, 401/04, 401/06, 403/04, 403/06, 471/02, 498/02

(11) WO 02/085357 (13) A1

(21) PCT/US02/12351

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,666 18 Apr/avr 2001 US (18.04.2001)

(30) 60/284,667 18 Apr/avr 2001 US (18.04.2001)

(30) 60/284,668 18 Apr/avr 2001 US (18.04.2001)

(30) 60/284,669 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOCICEPTIN ANALOGS

• ANALOGUES DE LA NOCICEPTINE

(71) EURO-CELTIQUE, S.A. [LU/LU]; 122 Boulevard de la Petrusse, L-2330 Luxembourg (LU).

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

(72, 75) SUN, Qun [CN/US]; 68 Hills Drive, Belle Mead, NJ 08502 (US). GOEHRING, R., Richard [US/US]; 6195 Potters Lane, Pipersville, PA 18947 (US). KYLE, Donald [US/US]; 29 Weatherfield Drive, Newtown, PA 18940 (US). CHEN, Zhengming [CN/US]; 11 Hudnut Lane, Belle Mead, NJ 08502 (US). VICTORY, Sam [US/US]; 55 Quince Circle, Newtown, PA 18940 (US). WHITEHEAD, John [GB/US]; 155 North State Street, Newtown, PA 18940 (US).

(74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/44

(11) WO 02/085358 (13) A2

(21) PCT/US02/12358

(22) 18 Apr/avr 2002 (18.04.2002)

- (25) en (26) en
- (30) 60/285,559 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANTIVIRAL AGENTS AND METHODS OF TREATING VIRAL INFECTIONS
• AGENTS ANTIVIRAUX ET METHODES DE TRAITEMENT D'INFECTIONS VIRALES
- (71) VION PHARMACEUTICALS, INC. [US/US]; Four Science Park, New Haven, CT 06511 (US). YALE UNIVERSITY [US/US]; 2 Whitney Avenue, New Haven, CT 06511 (US).
- (72) KING, Ivan, C.; 65 Blue Hills Road, North Haven, CT 06473 (US). DOYLE, Terrence, W.; 5 Wellsweep Lane, Killingworth, CT 06419 (US). SZNOL, Mario; 186 Rimmon Road, Woodbridge, CT 06525 (US). SARTORELLI, Alan, C.; 4 Perkins Road, Woodbridge, CT 06525 (US). CHENG, Yung-Chi; 961 Baldwin Road, Woodbridge, CT 06525 (US).
- (74) COLEMAN, Henry, D.; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06505 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/445, A61P 27/02, 29/00
- (11) WO 02/085359 (13) A1
- (21) PCT/JP02/03664
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 60/283,169 12 Apr/avr 2001 US
(12.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • AGENT FOR TOPICAL OPHTHALMIC TREATMENT OF OCULAR INFLAMMATORY DISEASES
• AGENT POUR TRAITEMENT OPHTHALMIQUE TOPIQUE DE MALADIES INFLAMMATOIRES OCULAIRES
- (71) SUCAMPO AG [CH/CH]; Graben 5, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UENO, Ryuji [JP/US]; 11025 Stanmore Drive, Potomac, Montgomery, MD 20854 (US).
- (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/4523, 31/437, 31/4985, 31/502, 31/519, 31/53, C07D 401/04, 403/14, 471/04, 487/04
- (11) WO 02/085361 (13) A1
- (21) PCT/US02/12375
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,665 18 Apr/avr 2001 US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BENZIMIDAZOLONE COMPOUNDS
• COMPOSES DE BENZIMIDAZOLONE
- (71) EURO-CELTIQUE, S.A. [LU/LU]; 122, boulevard de la Petrusse, L-2230 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOEHRING, R., Richard [US/US]; 6195 Potters Lane, Pipersville, PA 18947 (US). CHEN, Zhengming [CN/US]; 11 Hudnut Lane, Belle Mead, NJ 08502 (US). KYLE, Donald [US/US]; 29 Weatherfield Drive, Newtown, PA 18940 (US). VICTORY, Sam, [US/US]; 55 Quince Circle, Newtown, PA 18940 (US).
- (74) DAVIDSON, Clifford, M. 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/455, A61P 17/10, A61K 7/48 // (A61K 31/455, 31:13)
- (11) WO 02/085362 (13) A2
- (21) PCT/FR02/01330
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) fr (26) fr
- (30) 01/05451 23 Apr/avr 2001 FR
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DERMATOLOGICAL COMPOSITION COMPRISING NICOTINIC ACID OR AN AMIDE, AND A SPHINGOID BASE
• COMPOSITION DERMATOLOGIQUE COMPRENANT L'ACIDE NICOTINIQUE OU UN AMIDE, ET UNE BASE SPHINGOÏDE.
- (71) DERMACONCEPT JMC [FR/FR]; 30, rue des 3 Cailloux, F-80000 Amiens (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLART, Jean-Claude [FR/FR]; 60, rue Arthur Lamendin, F-62700 Bruay Labuissiere (FR). LEFEVRE, Jean-Marie [FR/FR]; 30, rue des 3 Cailloux, F-80000 Amiens (FR). PEYROT, Jacques [FR/FR]; 43, rue Blatin, F-63000 Clermont Ferrand (FR).
- (74) L'HELGOUALCH, Jean et al. / etc.; Cabinet Sueur & L'Helgoualch, 109, boulevard Haussmann, F-75008 Paris (FR).
- (81) AU BR CA CN CZ DZ HU IL IN JP KR MA MX NO NZ PL RO RU SI TN 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 A61K 31/47, A61P 13/12 // C07D 215/14

(11) WO 02/085363 (13) A1

(21) PCT/JP02/03870

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-121058 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-361257 27 Nov/nov 2001 JP (27.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REMEDIAL AGENT FOR GLOMERULAR DISEASE

• AGENT THERAPEUTIQUE POUR SOIGNER LA MALADIE GLOMERULAIRE

(71) KOWA CO., LTD. [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 460-0003 (JP). NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Nishikicho 3-chome, Kanda, Chiyoda-ku, Tokyo 101-0054 (JP).

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

(72, 75) NAKAGAWA, Takashi [JP/JP]; 5019-1 32-3-109, Yamaguchi, Tokorozawa-shi, Saitama 359-1145 (JP). SUDA, Makoto [JP/JP]; 17-43, Noguchicho 2-chome, Higashimurayama-shi, Tokyo 189-0022 (JP). YAMAUCHI, Youichi [JP/JP]; 25-5, Komai-cho 3-chome, Komae-shi, Tokyo 201-0016 (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 31/4709, A61P 35/00

(11) WO 02/085364 (13) A1

(21) PCT/EP02/04292

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/286,390 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FARNESYL PROTEIN TRANSFERASE INHIBITORS FOR TREATING CACHEXIA

• INHIBITEURS DE LA FARNESYL PROTEINE TRANSFERASE DESTINES AU TRAITEMENT DE LA CACHEXIE

(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) END, David, William [US/US]; 1530 N. Fiedler Road, Ambler, PA 19002 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/4745, C07D 471/04, A61P 31/18

(11) WO 02/085365 (13) A1

(21) PCT/US02/12208

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,818 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRICYCLIC COMPOUNDS USEFUL AS HIV REVERSE TRANSCRIPTASE INHIBITORS

• COMPOSES TRICYCLIQUES UTILES EN TANT QU'INHIBITEURS DE TRANSCRIPTASE INVERSE VIH

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) JOHNSON, Barry, L.; 404 East Christian Street, Wilmington, DE 19804 (US). RODGERS, James, D.; 2 Hillside Lane, Landenberg, PA 19350 (US). LIN, Qiyang; 6 Henlopen Court, Newark, DE 19711 (US). SRIVASTAVA, Anurag, S.; 314 Sheldon Drive, Newark, DE 19711 (US).

(74) VANATTEN, Mary, K. et al. / etc.; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/497

(11) WO 02/085366 (13) A1

(21) PCT/US02/13048

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,718 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARIPIRAZOLE ORAL SOLUTION

• SOLUTION ORALE D'ARIPIRAZOLE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).

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

(72, 75) PARAB, Prakash [IN/US]; 33 Dayna Drive, Monroe Township, NJ 08831 (US). CHOU, Joyce [—/US]; 34147 Tony Terr, Fremont, CA 94555 (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 A61K 31/50, 31/56

(11) WO 02/085367 (13) A1

(21) PCT/US02/12348

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,515 19 Apr/avr 2001 US (19.04.2001)

(30) 09/942,973 31 Aug/août 2001 US (31.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF TREATMENT USING AN EPITHELIAL SODIUM CHANNEL BLOCKER AND AN INHIBITOR OF

- THE MINERALOCORTICOID RECEPTOR
- METHODES DE TRAITEMENT AU MOYEN D'UN BLOQUEUR DE CANAL SODIQUE EPITHELIAL ET D'UN INHIBITEUR DU RECEPTEUR MINE-RALOCORTICOIDE
- (71) **UAB RESEARCH FOUNDATION** [US/US]; 701 20th Street South, #1120-G AB, Birmingham, AL 35294-0111 (US).
- (72) **BUBIEN, James**; 2505 Elizabeth Drive, Pel- ham, AL 35124 (US).
- (74) **HENDRICKS, Glenna**; P.O. Box 2509, Fairfax, VA 22031-2509 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/505, 31/616, A61P 7/02 // (A61K 31/616, 31:505)**
- (11) **WO 02/085368** (13) A2
- (21) PCT/EP02/04129
- (22) **13 Apr/avr 2002 (13.04.2002)**
- (25) en (26) en
- (30) 101 19 680.6 **20 Apr/avr 2001 DE (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • USE OF RADICAL SCAVENGING COMPOUNDS FOR TREATMENT AND PREVENTION OF NO-DEPENDENT MICROCIRCULATION DISORDERS
- UTILISATION DE COMPOSES ANTIRADICALAIRES DANS LE TRAITEMENT ET LA PREVENTION DE TROUBLES DE LA MICROCIRCULATION NO-DEPENDANTS
- (71) **BOEHRINGER INGELHEIM PHARMA KG** [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EISERT, Wolfgang** [DE/DE]; Nettelbeckstrasse 19, 30175 Hannover (DE).
- (74) **BOEHRINGER INGELHEIM PHARMA KG**; Binger Strasse 173, 55216 Ingelheim/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 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 31/55, A61P 25/28, 25/30, 25/32, 25/34, 25/36**
- (11) **WO 02/085370** (13) A1
- (21) PCT/EP02/04277
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) de (26) de
- (30) 101 19 862.0 **24 Apr/avr 2001 DE (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • UTILIZATION OF GALANTHAMINE FOR THE TREATMENT OF PATHOLOGIES OF THE CENTRAL NERVOUS SYSTEM OWING TO INTOXICATIONS WITH PSYCHOTROPIC SUBSTANCES
- UTILISATION DE GALANTHAMINE POUR TRAITER DES SYMPTOMES DU SYSTEME VERVEUX CENTRAL
- PROVOQUES PAR DES INTOXICATIONS DUES A DES SUBSTANCES PSYCHOTROPES
- (71) **HF ARZNEIMITTELFORSCHUNG GMBH** [DE/DE]; St. Johannes 5, 59368 Werne (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OPITZ, Klaus** [DE/DE]; Görlitzerstrasse 102, 48157 Münster (DE). **MOORMANN, Joachim** [DE/DE]; Schulstrasse 5, 59368 Werne (DE). **HILLE, Thomas** [DE/DE]; Am Moogsberg 2 A, 56567 Neuwied (DE). **BECHE, Frank** [DE/DE]; Keltenstrasse 84, 56072 Koblenz (DE).
- (74) **FLACCUS, Rolf-Dieter**; Bussardweg 10, 50389 Wesseling (DE).
- (81) AU BG BR BY CA CN CO CZ EE HU ID IL IN JP KR LT LV MX NO NZ PH PL RO RU SG SI SK TR UA US ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AU BG BR BY CA CN CO CZ EE HU ID IL IN JP KR LT LV MX NO NZ PH PL RO RU SG SI SK TR UA ZA EA (AM AZ BY KG KZ MD RU TJ TM) 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 **A61K 31/554, 31/135, 31/553**
- (11) **WO 02/085371** (13) A1
- (21) PCT/US02/12433
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 09/839,605 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NONINVASIVE METHOD FOR TREATING CELLULITE THROUGH TRANSDERMAL DELIVERY OF CALCIUM CHANNEL BLOCKER AGENTS AND MEDICAMENT FOR USE IN SUCH METHOD
- METHODE NON INVASIVE DE TRAITEMENT DE LA CELLULITE PAR ADMINISTRATION TRANSDERMIQUE D'AGENTS DE BLOCAGE DES CANAUX CALCIIQUES ET MEDICAMENT UTILISE DANS LADITE METHODE
- (63) US 09/839,605 (CON) 20 Apr/avr 2001 (20.04.2001)
- (71, 72) **EASTERLING, W., Jerry** [US/US]; Suite 204, 19230 Stone Oak Parkway, San Antonio, TX 76758 (US).
- (74) **HENRY, David, G.**; 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU 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 31/5575, 31/352, 45/00, A61P 27/06,
27/02, 43/00

(11) WO 02/085372 (13) A1

(21) PCT/JP02/03292

(22) 2 Apr/avr 2002 (02.04.2002)

(25) ja (26) ja

(30) 2001-121295 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEDICINES AND MEDICINAL KITS
• MEDICAMENTS ET TROUSSES MEDI-
CALES

(71) TEIKA PHARMACEUTICAL CO.,
LTD. [JP/JP]; 3-27, Arakawa 1-chome,
Toyama-shi, Toyama 930-0982 (JP). KOWA
COMPANY LTD. [JP/JP]; 6-29, Nishiki
3-chome, Naka-ku, Nagoya-shi, Aichi
460-8625 (JP).

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

(72, 75) ORIHASHI, Masahiro [JP/JP]; 739-14,
Fujinoki, Toyama-shi, Toyama 739-14
(JP). KOIKE, Junpei [JP/JP]; Room
307, Residence K & I, 3-3-21, Nagae,
Toyama-shi, Toyama 930-0974 (JP). MA-
SUDA, Kanako [JP/JP]; 158-3, hongoumachi
5-ku, Toyama-shi, Toyama 939-8045 (JP).

(74) ONO, Nobuo et al. / etc.; Mitobe Bldg. 4F,
1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo
101-0024 (JP).

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

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

(i) for all designations / pour toutes les
designations

(51)⁷ A61K 31/56, 31/58, 31/66

(11) WO 02/085373 (13) A1

(21) PCT/US02/12489

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,426 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION AND METHODS FOR
TREATMENT OF ASTHMA SYMP-
TOMS AND REDUCING ADENO-
SINE/ADENOSINE RECEPTOR LEV-
ELS

• COMPOSITION ET METHODES SER-
VANT A TRAITER DES SYMPTOMES
DE L'ASTHME ET LA DIMINUTION
DES NIVEAUX DES RECEPTEURS
D'ADENOSINE/ADENOSINE

(71) EAST CAROLINA UNIVERSITY
[US/US]; Martha Van Scott, Office of
Technology Transfer, The Brody School
of Medicine, 186 Warren Life Sciences
Bldg., Greenville, NC 27858 (US).

(72) NYCE, Jonathan, W.; 1 Keithwood Court,
Titusville, NJ 08560 (US).

(74) AMZEL, Viviana; EpiGenesis Pharmaceuti-
cals, Inc., 7 Clarke Drive, Cranbury, NJ 08512
(US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 31/56

(11) WO 02/085374 (13) A1

(21) PCT/US02/13407

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,842 25 Apr/avr 2001 US
(25.04.2001)

(30) 10/131,834 24 Apr/avr 2002 US
(24.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ESTRIOL THERAPY FOR MULTIPLE
SCLEROSIS AND OTHER AUTOIM-
MUNE DISEASES
• THERAPIE A BASE D'ESTRIOL POUR
LE TRAITEMENT DE LA SCLEROSE
EN PLAQUES ET D'AUTRES MALA-
DIES AUTO-IMMUNES

(71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; 1111 Franklin
Street, 5th Floor, Oakland, CA 94607-5200
(US).

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

(72, 75) VOSKUHL, Rhonda, R. [US/US]; 8852
Ashcroft, West Hollywood, CA 90048 (US).

(74) BROWN, Marc, E. et al. / etc.; McDermot,
Will & Emery, Suite 3400, 2049 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).

Published / Publiée : (c)

(51)⁷ A61K 31/57, A61P 5/30 // (A61K 31/57,
31:565)

(11) WO 02/085375 (13) A1

(21) PCT/FR02/01384

(22) 23 Apr/avr 2002 (23.04.2002)

(25) fr (26) fr

(30) 01/05557 25 Apr/avr 2001 FR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOVEL HORMONE COMPOSITION
• NOUVELLE COMPOSITION HORMO-
NALE ET SON UTILISATION

(71) LABORATOIRE THERAMEX [MC/MC];
6, avenue Prince-Héréditaire-Albert,
MC-98000 Monaco (MC).

(71, 72) PARIS, Jacques [—/FR]; 31, avenue
Cap de Croix, Bât. E, Porte 1, Le Clos de
Cimiez, F-06100 Nice (FR). THOMAS,
Jean-Louis [—/FR]; 16, rue Gabriel-Peri,
F-94220 Charenton-le-Pont (FR).

(74) BURTIN, Jean-François; Cabinet Gefib,
82, rue Baudin, F-92300 Levallois Perret
(FR).

(81) AE AL AU BA BG BR CA CN CO CR CU
CZ DZ EC EE HR HU ID IL IN IS JP KR LT
LV MA MK MX NO NZ PH PL RO SG SI
TN 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).

Published / Publiée : (c)

(51)⁷ A61K 31/60, 31/18, 31/405, A61P 3/10,
5/48, 9/08, 9/12, 29/00

(11) WO 02/085376 (13) A2

(21) PCT/CA02/00568

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,505 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD FOR DECREASING SU-
PEROXIDE ANIONS PRODUCTION
AND TREATMENT OF OXIDATIVE
STRESS

• PROCEDE PERMETTANT DE RE-
DUIRE LA PRODUCTION D'ANIONS
DE SUPEROXYDE ET TRAITEMENT
DE STRESS OXYDANT

(71) UNIVERSITE DE MONTREAL
[CA/CA]; 2900 Edouard-Montpetit, Mon-
tréal, Québec H3T 1J4 (CA).

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(72, 75) DE CHAMPLAIN, Jacques [CA/CA];
1246 Lajoie, Outremont, Québec H2V 1P1
(CA). WU, Rong [CA/CA]; 1067, place
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(CA). EL MIDAOU, Adil [CA/CA]; 70
Crépeau, Apt. 301, Ville St. Laurent, Québec
H4M 1N9 (CA).

(74) OGILVY RENAULT; Attn: Cawthorn,
Christian, Suite 1600, 1981 McGill College
Avenue, Montreal, Québec H3A 2Y3 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/75, A61P 3/00

(11) WO 02/085377 (13) A1

(21) PCT/US02/11493

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/305,564 13 Jul/juil 2001 US (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR LOWERING SERUM GLUCOSE
• METHODE POUR REDUIRE LE GLUCOSE DANS LE SERUM

(71) GELTEX PHARMACEUTICALS, INC. [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) BURKE, Steven, K.; 82 Willis Road, Sudbury, MA 01776 (US).

(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/785, C08F 26/00, A61P 3/00

(11) WO 02/085378 (13) A1

(21) PCT/US02/11408

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOW SALT FORMS OF POLYALLYLAMINE
• SELS A FAIBLE TENEUR EN POLYALLYLAMINE

(71) GELTEX PHARMACEUTICALS, INC. [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) PETERSEN, John, S.; 1 Bellatoni Drive, Acton, MA 01720 (US). BURKE, Steven, Keith; 82 Willis Road, Sudbury, MA 01776 (US). HOLMES-FARLEY, Stephen, Randall; 20 Norfolk Road, Arlington, MA 02174 (US).

(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, 01742-9133 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/785, C08F 26/02, 8/00, A61P 9/00

(11) WO 02/085379 (13) A1

(21) PCT/US02/11409

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/285,031 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR IMPROVING VASCULAR ACCESS IN PATIENTS WITH VASCULAR SHUNTS
• PROCEDE PERMETTANT D'AMELIORER L'ACCES VASCULAIRE CHEZ DES PATIENTS AYANT DES SHUNTS VASCULAIRES

(71) GELTEX PHARMACEUTICALS, INC. [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) BURKE, Steven, K.; 82 Willis Road, Sudbury, MA 01776 (US).

(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/785, A61P 3/00

(11) WO 02/085380 (13) A1

(21) PCT/US02/11491

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/305,568 13 Jul/juil 2001 US (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR TREATING GOUT AND REDUCING SERUM URIC ACID
• METHODE POUR TRAITER LA GOUTTE ET REDUIRE LES TAUX D'ACIDE URIQUE SERIQUE

(71) GELTEX PHARMACEUTICALS, INC. [US/US]; 153 Second Avenue, Waltham, MA 02151 (US).

(72) HOLMES-FARLEY, Stephen, Randall; 20 Norfolk Road, Arlington, MA 02474 (US). BURKE, Steven, K.; 82 Willis Road, Sudbury, MA 01776 (US).

(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/785, A61P 3/00

(11) WO 02/085381 (13) A1

(21) PCT/US02/11492

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/305,567 13 Jul/juil 2001 US (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR TREATING GOUT AND BINDING URIC ACID
• METHODE POUR TRAITER LA GOUTTE ET POUR FIXER L'ACIDE URIQUE

(71) GELTEX PHARMACEUTICALS, INC. [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) HOLMES-FARLEY, Stephen, Randall; 20 Norfolk Road, Arlington, MA 02174 (US). BURKE, Steven, K.; 82 Willis Road, Sudbury, MA 01776 (US).

(74) **ELMORE, Carolyn, S. et al. / etc.**; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/785, A61P 3/00

(11) WO 02/085382 (13) A1

(21) PCT/US02/11495

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/355,917 11 Feb/fév 2002 US (11.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF TREATING SYNDROME X WITH ALIPHATIC POLYAMINES

• METHODES POUR TRAITER LE SYNDROME X AVEC DES POLYAMINES ALIPHATIQUES

(71) **GELTEX PHARMACEUTICALS, INC.** [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) **BURKE, Steven, K.**; 82 Willis Road, Sudbury, MA 01776 (US). **DONOVAN, Joanne, M.**; 126 Thornton Road, Needham, MA 02492 (US).

(74) **ELMORE, Carolyn, S. et al. / etc.**; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/785, A61P 3/00

(11) WO 02/085383 (13) A1

(21) PCT/US02/11496

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,445 18 Apr/avr 2001 US (18.04.2001)

(30) 60/305,592 13 Jul/juil 2001 US (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR REDUCING COPPER LEVELS AND TREATING COPPER TOXICOSIS

• MÉTHODE POUR RÉDUIRE LE NIVEAU DE CUIVRE ET TRAITER LA TOXICOSE DUE AU CUIVRE

(71) **GELTEX PHARMACEUTICALS, INC.** [US/US]; 153 Second Avenue, Waltham, MA 02451 (US).

(72) **HOLMES-FARLEY, Stephen, Randall**; 20 Norfolk Road, Arlington, MA 02174 (US).

(74) **ELMORE, Carolyn, S. et al. / etc.**; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 33/00, 33/24, 33/38, A61L 15/46, 17/14, 27/30, 27/54, 31/08, 31/16

(11) WO 02/085384 (13) A2

(21) PCT/CA02/00546

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,884 23 Apr/avr 2001 US (23.04.2001)

(30) 09/840,637 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LUBRICIOUS COATINGS FOR SUBSTRATES

• REVETEMENTS DE LUBRIFICATION DE SUBSTRATS

(71) **NUCRYST PHARMACEUTICALS CORP.** [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURRELL, Robert, Edward** [CA/CA]; 52055, R.R. 221, Sherwood Park, Alberta T8E 1C6 (CA). **YIN, Hua, Qing** [CA/CA]; 24 Davy Crescent, Sherwood Park, Alberta T8H 1P3 (CA). **NAYLOR, Antony, George** [CA/CA]; 5 Deacon Lane, Sherwood Park, Alberta T8H 1M7 (CA). **MOXHAM, Peter, Howard** [CA/CA]; 1112 Parker Terrace, Sherwood Park, Alberta T8A 3Y5 (CA). **CHOLOWSKI, Walter, Carlton, Theodore** [CA/CA]; 4915 Malmo Road, Edmonton, Alberta T6H 4L9 (CA). **BOWLBY, Leonard, Salvin** [CA/CA]; 133 Century Estates, 52150 Range Road 221, Sherwood Park, Alberta

T8E 1C8 (CA). **FIELD, David, James** [CA/CA]; 9918-101 Street #1701, Edmonton, Alberta T5K 2L1 (CA).

(74) **MCKAY-CAREY, Mary, Jane**; McKay-Carey & Company, 2590 Commerce Place, 10155-102 Street, Edmonton, Alberta T5J 4G8 (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 A61K 33/00, 33/24, 9/08, 9/12, A61P 1/02, 11/02, 11/04, 43/00

(11) WO 02/085385 (13) A2

(21) PCT/CA02/00547

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,884 23 Apr/avr 2001 US (23.04.2001)

(30) 09/840,637 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TREATMENT OF MUCOSAL MEMBRANES

• TRAITEMENT DE MEMBRANES MUCQUEUSES

(71) **NUCRYST PHARMACEUTICALS CORP.** [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURRELL, Robert, Edward** [CA/CA]; 52055, R.R. 221, Sherwood Park, Alberta T8E 1C6 (CA). **NAYLOR, Antony, George** [CA/CA]; 5 Deacon Lane, Sherwood Park, Alberta T8H 1M7 (CA). **MOXHAM, Peter, Howard** [CA/CA]; 1112 Parker Terrace, Sherwood Park, Alberta T8A 3Y5 (CA).

(74) **MCKAY-CAREY, Mary, Jane**; McKay-Carey & Company, 2590 Commerce Place, 10155-102 Street, Edmonton, Alberta T5J 4G8 (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 A61K 33/00, 33/24, 33/38, A61P 35/00

(11) WO 02/085386 (13) A2

(21) PCT/CA02/00548

- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,884 23 Apr/avr 2001 US (23.04.2001)
- (30) 09/840,637 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF INDUCTION OF APOPTOSIS AND INHIBITION OF MATRIX METALLOPROTEINASES USING ANTIMICROBIAL METALS
- PROCEDE POUR INDUIRE UNE APOPTOSE ET POUR INHIBER DES METALLOPROTEINASES MATRICIELLES PAR UTILISATION DE METAUX ANTIMICROBIENS
- (71) NUCRYST PHARMACEUTICALS CORP. [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURRELL, Robert, Edward [CA/CA]; 52055, R.R. 221, Sherwood Park, Alberta T8E 1C6 (CA). WRIGHT, John, Barrymore [CA/CA]; 16746 Stoney Glade, San Antonio, TX 78247 (US). LAM, Kan [CA/CA]; 2815 Rancho Mirage, San Antonio, TX 78259 (US).
- (74) McKAY-CAREY, Mary Jane; McKay-Carey & Company, 2590 Commerce Place, 10155-102 Street, Edmonton, Alberta T5J 4G8 (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 33/43, 49/00, C12N 9/00, 9/99, C12Q 1/42
- (11) WO 02/085388 (13) A1
- (21) PCT/US02/11045
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) en (26) en
- (30) 60/282,898 11 Apr/avr 2001 US (11.04.2001)
- (30) 60/322,438 17 Sep/sep 2001 US (17.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CA²⁺/CALMODULIN-DEPENDENT PROTEIN KINASE IV
- PROTEINE KINASE IV DEPENDANTE DE LA CALMODULINE/CA²⁺
- (71) DUKE UNIVERSITY [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US).
- (72) MEANS, Anthony, R.; 105 San Mateo Place, Chapel Hill, NC 27514 (US).
- (74) WILSON, Mary, J.; Nixon & Vanderhyc 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/00, 33/24, 33/28, 9/70, A61P 17/00, 17/10
- (11) WO 02/085387 (13) A2
- (21) PCT/CA02/00549
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,884 23 Apr/avr 2001 US (23.04.2001)
- (30) 09/840,637 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TREATMENT OF INFLAMMATORY SKIN CONDITIONS
- TRAITEMENT D'ETATS INFLAMMATOIRES DE LA PEAU
- (71) NUCRYST PHARMACEUTICALS CORP. [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURRELL, Robert, Edward [CA/CA]; 52055, R.R. 221, Sherwood Park, Alberta T8E 1C6 (CA). YIN, Hua, Qing [CN/CA]; 24 Davy Crescent, Sherwood Park, Alberta T8H 1P3 (CA).
- (74) McKAY-CAREY, Mary, Jane; McKay-Carey & Company, 2590 Commerce Place, 10155-102 Street, Edmonton, Alberta T5J 4G8 (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 35/56
- (11) WO 02/085389 (13) A1
- (21) PCT/US02/12121
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,979 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A NON-LETHAL METHOD FOR EXTRACTING CRUDE HEMOCYANIN FROM GASTROPOD MOLLUSCS
- METHODE NON MORTELLE DE PRELEVEMENT D'HEMOCYANINE BRUTE SUR DES MOLLUSQUES GASTROPODES
- (71, 72) OAKES, Frank, R. [US/US]; 417 E. Huene Rd., Port Huene, CA 93041 (US).
- (74) SIMKIN, Michele, M. et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, NW, Washington, DC 20007-5109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 A61K 35/56, 35/78
- (11) WO 02/085390 (13) A1
- (21) PCT/US02/08685
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/681,518 21 Apr/avr 2001 US (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITION AND METHOD FOR THE PREVENTION AND TREATMENT OF ACNE
- COMPOSITION ET METHODE DE PREVENTION ET DE TRAITEMENT DE L'ACNE
- (71, 72) NIAZI, Sarfaraz, K. [US/US]; 20 Riverside Drive, Deerfield, IL 60015 (US).
- (74) SHEKLETON, Gerald, T. et al. / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 35/58, 35/64, 35/12
- (11) WO 02/085391 (13) A1
- (21) PCT/ES02/00198
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) es (26) es

(30) P01 01 01891 24 Apr/avr 2001 AR
(24.04.2001)

(30) P01 01 05751 11 Dec/déc 2001 AR
(11.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF A PHOSPHOLIPASE A2 FOR THE PREPARATION OF PHARMACEUTICAL AND/OR COSMETIC COMPOSITIONS FOR THE LOCAL AND/OR SYSTEMATIC TREATMENT AND/OR PREVENTION OF DISEASES AND/OR PROCESSES CAUSED BY INTRA- AND EXTRACELLULAR PATHOGENS EXPRESSING MEMBRANE PHOSPHOLIPIDS

• UTILISATION D'UNE PHOSPHOLIPASE A2 POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES ET/OU COSMETIQUES POUR LA PREVENTION ET/OU LE TRAITEMENT LOCAL ET/OU SYSTEMIQUE DE MALADIES ET/OU DE PROCESSUS PROVOQUES PAR DES PATOGENES INTRA OU EXTRA CELLULAIRES EXPRIMANT DES PHOSPHOLIPIDES DE MEMBRANE

(71, 72) COSTA, Luis, Alberto [AR/AR]; Av. del Libertador 4944, 7^o piso B, Buenos Aires (AR). GARCÍA VILLARRUBIA, Vicente [ES/ES]; Urb. Las Huertas, Bloque 11, No. 22 4^oC, E-28220 Majadahonda (ES).

(74) CURELL SUÑOL, Marcelino et al. / etc.; Passeig de Gràcia 65 bis, E-08008 Barcelona (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 31/35, A61P 27/16, 27/12, 27/10, 25/28, 25/20, 19/10, 17/14, 17/10, 17/00, 15/12, 15/08, 15/02, 13/10, 13/08, 13/02

(11) WO 02/085392 (13) A1

(21) PCT/CN02/00276

(22) 23 Apr/avr 2002 (23.04.2002)

(25) zh (26) zh

(30) 01115359.8 23 Apr/avr 2001 CN
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR USING PUERARIAE RADIX, PUERARIAE RADIX FLAVONE EXTRACT AND PREPARATION CONTAINING PUERARIN IN THE PREVENTION AND TREATMENT OF NEW INDICATIONS

• PROCEDES D'UTILISATION D'UN EXTRAIT DE PUERARIAE RADIX, FLAVONE DE PUERARIAE RADIX ET PREPARATION CONTENANT UNE PUERARINE POUR LA PREVENTION

ET LE TRAITEMENT DE NOUVELLES INDICATIONS

(71, 72) WANG, Weilin [CN/CN]; 138 Dongdamochang, Chongwen District, Beijing 100062 (CN). LU, Shiyang [CN/CN]; 138 Dongdamochang, Chongwen District, Beijing 100062 (CN). WANG, Xinyong [CN/CN]; 138 Dongdamochang, Chongwen District, Beijing 100062 (CN).

(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th floor, 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).

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

(51)⁷ A61K 35/78, A61P 15/00

(11) WO 02/085393 (13) A1

(21) PCT/FR02/01295

(22) 15 Apr/avr 2002 (15.04.2002)

(25) fr (26) fr

(30) 01/05463 23 Apr/avr 2001 FR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HOP EXTRACTS AND USE THEREOF IN THE PRODUCTION OF A MEDICAMENT HAVING ESTROGENIC PROPERTIES

• EXTRAITS DE HOUBLON ET LEUR UTILISATION DANS LA PREPARATION D'UN MEDICAMENT AYANT DES PROPRIETES OESTROGENES

(71) BERKEM [FR/FR]; Marais Ouest, 24680 Gardonne (FR).

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

(72, 75) BOURGES-SEVENIER, Cédric [FR/FR]; 15, rue Camille Claudel, F-24130 Prignonieux (FR).

(74) ABELLO, Michel; Cabinet Peuscet, 78, avenue Raymond Poincaré, F-75116 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).

Published / Publiée : (c)

(51)⁷ A61K 35/78

(11) WO 02/085394 (13) A1

(21) PCT/IB02/01306

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 377/MUM/01 24 Apr/avr 2001 IN
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THE PROCESS OF PREPARING THE TOPICAL ANTI-INFLAMMATORY/ANALGESIC PREPARATION

• PROCEDE DE PRODUCTION DE PREPARATION TOPIQUE ANTI-INFLAMMATOIRE ET ANALGESIQUE

(71, 72) KHAMAR, Bakulesh, Mafatlal [IN/IN]; 201, Ashadha, Vasundhara Colony, Gulbai Tekra, Ahmedabad 380 006, Gujarat (IN). MODY, Vandana, Dasharathbhai [IN/IN]; Cadila Pharmaceuticals Ltd., IRM House, Off. C.G. Road, Navarangpura, Ahmedabad 380 006, Gujarat (IN). PANDYA, Kalpesh, Karunashankar [IN/IN]; Cadila Pharmaceuticals Ltd., IRM House, Off. C.G. Road, Navarangpura, Ahmedabad 380 006, Gujarat (IN).

(74) KHAMAR, Bakulesh, Mafatlal; 201, Ashadha, Vasundhara Colony, Gulbai Tekra, Ahmedabad 380 006, Gujarat (IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 35/78, 31/70

(11) WO 02/085395 (13) A1

(21) PCT/US02/12279

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,450 18 Apr/avr 2001 US
(18.04.2001)

(30) 10/125,320 17 Apr/avr 2002 US
(17.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOTAL GLYCOSIDES OF PAEONY, METHOD TO PREPARE THE SAME AND USES THEREOF

• GLYCOSIDES TOTAUX DE PAEONIA, PROCEDE DE FABRICATION DU MEME ET UTILISATIONS DE CEUX-CI

(71) SANJIU MEDICAL & PHARMACEUTICAL CO., LTD. [CN/CN]; 1028 Beihuan Road, Shenzhen, Guangdong 518029 (CN). JOINTSEAS, INC. [US/US]; 59-42 Parsons Blvd., Flushing, NY 11365 (US).

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(72, 75) ZHAO, Xinxian [CN/CN]; 1028 Beihuan Road, Shenzhen, Guangdong 518029 (CN).

(74) CHAN, Albert, Wai-Kit et al. / etc.; World Plaza, Suite 604, 141-07 20th Avenue, Whitestone, NY 11357 (US).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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 35/78

(11) WO 02/085396 (13) A1

(21) PCT/US02/12687

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/285,966 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • INHIBITION OF JUN KINASE
• INHIBITION DE LA KINASE JUN

(63) US 60/285,966 (CIP)
24 Apr/avr 2001 (24.04.2001)

(71) PRESIDENT AND FELLOWS OF HAR-
VARD COLLEGE [US/US]; 1350 Mass-
achusetts Avenue, Holyoke Center, Cam-
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1111 Franklin Street, 5th Floor, Oakland, CA
94607 (US).

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les États désignés sauf US)

(72, 75) HOTAMISLIGIL, Gokhan, S.
[TR/US]; 10 Rogers Street #306, Cam-
bridge, MA 02142 (US). KARIN, Michael
[US/US]; 7710 East Roseland Drive, La Jolla,
CA 92037 (US). CHANG, Lufen [US/US];
3137-K Via Alicante, La Jolla, CA 92037
(US).

(74) BEATTIE, Ingrid, A.; Mintz, Levin, Cohn,
Ferris, Glovsky and Popeo, P.C., One Finan-
cial 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 A61K 35/78

(11) WO 02/085397 (13) A1

(21) PCT/US02/12778

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/843,543 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • THERAPEUTIC PREPARATION FROM
COFFEE BEAN AND METHOD FOR
PRODUCING

- PREPARATION THERAPEUTIQUE
A BASE DE GRAINS DE CAFE ET
PROCEDE DE PRODUCTION COR-
RESPONDANT

(63) US 09/843,543 (CIP)
25 Apr/avr 2001 (25.04.2001)

(71) ONCOLOGY SCIENCES CORPORA-
TION [US/US]; 1250 Capital of Texas
Highway South, Austin, TX 78746 (US).
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les États désignés sauf US)

(72, 75) ZAPP, Loretta [US/US]; 1600 Pierce
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DREWS, Alan [US/US]; 1600 Pierce Street,
Lakewood, CO 80214 (US). JOHNSON,
Lyndon, C. [US/US]; P.O. Box 161391,
Austin, TX 78716 (US). SLAGA, Brian,
J. [US/US]; P.O. Box 161391, Austin, TX
78716 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, A01N 61/00

(11) WO 02/085398 (13) A1

(21) PCT/US02/05702

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 60/284,905 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • LITHOSPERMIC ACID-CONTAINING
COMPOSITION

- COMPOSITION CONTENANT DE
L'ACIDE LITHOSPERMIQUE

(63) US 60/284,905 (CIP)
19 Apr/avr 2001 (19.04.2001)

(71) TAIPEI-VETERANS GENERAL HOSPI-
TAL [—/—]; No. 201 Sec. 2, ShihPai Road,
Taipei (TW).

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les États désignés sauf US)

(72, 75) SHIAO, Ming-Shi [—/—]; 19, 4th
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112 (TW). KUO, Yueh-Hsiung [—/—]; 3th
floor, 62-7, Chang Shin Street, Taipei 106
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Floor, Lane 52, Wun-Chou Street, Taipei
106 (TW). CHEN, Yuh-Lien [—/—]; Insti-
tute of Anatomy and Cell Biology, National
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Lih-Nong Street, Shi-Pai, Taipei 112 (TW).
LIN, Tsung-chung [US/US]; 46 Tout Brook
Road, Cheshire, CT 06410 (US).

(74) TSAO, Y., Rocky; Fish & Richardson P.C.,
225 Franklin Street, Boston, MA 02110 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 45/00, A61P 35/00, 15/00,
43/00

(11) WO 02/085399 (13) A1

(21) PCT/JP02/03898

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-123299 20 Apr/avr 2001 JP
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PEPTIDE-CONTAINING PREPARA-
TIONS

- PREPARATIONS CONTENANT UN
PEPTIDE

(71) TAKEDA CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1-1, Doshomachi 4-chome,
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Yodogawa 206, 4-14, Jusohigashi 5-chome,
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00, 31/335, A01N 43/02, 43/16, C07H 19/06, 19/09**
- (11) **WO 02/085400** (13) A1
- (21) PCT/US02/12092
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 09/841,744 **24 Apr/avr 2001 (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITIONS AND METHODS FOR REESTABLISHING GENE TRANSCRIPTION THROUGH INHIBITION OF DNA METHYLATION AND HISTONE DEACETYLASE
- COMPOSITIONS ET PROCÉDES RE-TABLISSANT LA TRANSCRIPTION GENIQUE PAR LE BIAIS DE L'INHIBITION DE LA METHYLATION D'ADN ET DE LA HISTONE DESACETYLASE
- (63) US 09/841,744 (CON) 24 Apr/avr 2001 (24.04.2001)
- (71) **SUPERGEN, INC.** [US/US]; Suite 200, 4140 Dublin Boulevard, Dublin, CA 94568 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIMARTINO, Jorge** [US/US]; 144 Arundel Road, San Carlos, CA 94070 (US).
- (74) **CHEN, Shirley, Chen;** Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 60/284,855 **18 Apr/avr 2001 (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RETROCYCLINS: ANTIVIRAL AND ANTIMICROBIAL PEPTIDES
- RETROCYCLINES : PEPTIDES ANTI-VIRAUX ET ANTIMICROBIENS
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEHRER, Robert, I.** [US/US]; 2730 Washington Avenue, Santa Monica, CA 90403 (US). **WARING, Alan, J.** [US/US]; 12 Melody Lane, Irvine, CA 92614 (US). **COLE, Alexander, M.** [US/US]; 715 Gayley Avenue, # 405, Los Angeles, CA 90024 (US). **HONG, Teresa, B.** [US/US]; 11762 Lower Azusa Road, El Monte, CA 91732 (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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- (30) 60/286,240 **24 Apr/avr 2001 (24.04.2001)**
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- (54) • METHODS AND COMPOSITIONS FOR TREATING ORAL AND EOSOPHAGEAL LESIONS
- PROCÉDES ET COMPOSITIONS DE TRAITEMENT DE LESIONS BUC-CALES ET OESOPHAGIENNES
- (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 32 Fruit Street, Boston, MA 02114 (US).
- (72) **PODOLSKY, Daniel, K.;** 157 Edmunds Road, Wellesley Hills, MA 02181 (US).
- (74) **CLARK, Paul, T.;** Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 38/16, C12P 19/34, 21/00, C07H 21/00, 21/02, 21/04, C12N 15/00, G01N 33/50**
- (11) **WO 02/085404** (13) A1
- (21) PCT/US02/10391
- (22) **1 Apr/avr 2002 (01.04.2002)**
- (25) en (26) en
- (30) 60/281,503 **4 Apr/avr 2001 (04.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LKB1-BINDING PROTEINS
- PROTEINES DE LIAISON A LKB1
- (71) **NATIONAL YAN-MING UNIVERSITY** [—/—]; Shih-Pai Road, Taipei 112 (**). **ADLMMUNE CORPORATION** [—/—]; 3, Sec. 1, Tan Shin Road, Tantz, Taichung 42703 (**).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SU, Jin-Yuan** [—/—]; No. 155, Sec. 2, Li-Nong Street, Shih-Pai, Taipei 112 (**).
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 38/12, 38/14**
- (11) **WO 02/085403** (13) A1
- (21) PCT/US02/13073
- (22) **25 Apr/avr 2002 (25.04.2002)**
- (25) en (26) en
- (30) 60/286,249 **25 Apr/avr 2001 (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUBSTANTIALLY PURE GLYCOPEPTIDE ANTIBIOTICS AC-98-1; AC-98-2; AC-98-3; AC-98-4 AND AC-98-5
- ANTIBIOTIQUES GLYCOPEPTIDIQUES SENSIBLEMENT PURS AC-98-1; AC-98-2; AC-98-3; AC-98-4 ET AC-98-5
- (71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
- (72) **CARTER, Guy, Thomas;** 350 Phillips Hill Road, New City, NY 10956 (US). **HE, Haiyin;** 189 Howard Street, Washington Township, NJ 07675 (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).
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- (74) **TSAO, Y., Rocky**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 38/19, 39/395, 38/21, A61P 35/00 // (A61K 38/19, 38:12) (A61K 38/19, 38:12, 31:00) (A61K 39/395, 38:19) (A61K 39/395, 38:21, 38:19) (A61K 39/395, 38:19, 31:00) (A61K 38/21, 38:19, 38:12)
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- (21) PCT/EP02/04298
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 01109981.9 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMBINATION THERAPY USING ANTI-ANGIOGENIC AGENTS AND TNFa
- POLYTHÉRAPIE A BASE D'AGENTS ANTIANGIOGÉNIQUES ET DE FACTEUR DE NECROSE TUMORALE TNFSG(A)
- (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) **GRELL, Matthias** [DE/DE]; Lindeweg 44, 64291 Darmstadt (DE). **GOODMAN, Simon** [GB/DE]; Friedrich-Ebert Str. 102a, 64347 Griesheim (DE). **RUEGG, Curzio** [CH/CH]; 118 Route du Jorat, 1000 Lausanne 26 (CH).
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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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- (11) WO 02/085406 (13) A1
- (21) PCT/US02/13088
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/285,699 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH INSULIN RESISTANCE
- PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'ETATS LIES A LA RESISTANCE A L'INSULINE
- (71) **RESTORAGEN, INC.** [US/US]; 4130 NW 37th Street, Lincoln, NE 68524 (US).
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- (72, 75) **HOLST, Jens, Juul** [DK/DK]; Ole Olsens Alle 30, DK-2900 Hellerup (DK). **OLSEN, Mette, Zander** [DK/DK]; Badstuestraede 8, 2. t.v., DK-1209 Copenhagen K (DK). **HATHAWAY, David, R.** [US/US]; 6201 Oaks Hollow Road, Lincoln, NE 68516 (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).
- Published / Publiée : (c)
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- (51)⁷ A61K 38/27, A61P 43/00
- (11) WO 02/085407 (13) A1
- (21) PCT/US02/12522
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,968 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF OPTIMIZING GROWTH HORMONE REPLACEMENT
- PROCEDE D'OPTIMISATION DU REMPLACEMENT D'HORMONE DE CROISSANCE
- (71) **RENASCI, INC., D/B/A RENASCI ANTI-AGING CENTER** [US/US]; 7425 East Shea Boulevard, Suite 103, Scottsdale, AZ 85260-6411 (US).
- (72) **FOSTER, Michael, B.**; 8603 North Dove Circle, Phoenix, AZ 85028-6103 (US).
- (74) **FREI, Donald, F.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 39/00
- (11) WO 02/085409 (13) A2
- (21) PCT/US01/45717
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (30) 09/834,814 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE
• PROCEDES ET COMPOSITIONS PERMETTANT D'INDUIRE UNE REPONSE IMMUNITAIRE
- (71) **CHEMOCENTRYX [US/US];** 1539 Industrial Road, San Carlos, CA 94070 (US).
- (72) **SCHALL, Thomas, J.;** San Carlos, CA (US). **TALBOT, Dale;** 67 Brentwood Avenue, San Francisco, CA 94025 (US). **BERKOVITZ, Robert;** 32 Dorland Street, #2, San Francisco, CA 94110 (US). **ZHENG, Wei;** San Carlos, CA (US). **HOWARD, Maureen;** 12700 Viscaino Road, Los Altos Hills, CA 94022 (US). **PREMACK, Brett;** 409 Portofino Drive, #2, San Carlos, CA 94070 (US).
- (74) **ZINKL, Gregory, M.;** 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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**
- (11) **WO 02/085410** (13) A2
- (21) PCT/CA02/00584
- (22) **24 Apr/avr 2002 (24.04.2002)**
- (25) en (26) en
- (30) 60/286,127 **24 Apr/avr 2001 US (24.04.2001)**
- (30) 10/127,880 **23 Apr/avr 2002 US (23.04.2002)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR EVALUATING THE EFFICACY OF TREATMENT WITH BACTERIAL DNA AND BACTERIAL CELL WALLS
• METHODE D'EVALUATION DE L'EFFICACITE D'UN TRAITEMENT AVEC DE L'ADN BACTERIEN ET DES PAROIS CELLULAIRES BACTERIENNES
- (71) **BIONICHE LIFE SCIENCES, INC. [CA/CA];** 231 Dundas Street East, P.O. Box 1570, Belleville, Ontario K8N 5J2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FILION, Mario, C. [CA/CA];** 1145 Jean-de Brebeuf Street, Laval, Québec H7E 3Y6 (CA). **PHILLIPS, Nigel, C. [CA/CA];** 101 Seignior Avenue, Pointe-Claire, Québec H9R 1J6 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 39/285, C12N 7/00**
- (11) **WO 02/085411** (13) A1
- (21) PCT/US02/12616
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 09/840,751 **23 Apr/avr 2001 US (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SMALLPOX VACCINE
• VACCIN CONTRE LA VARIOLE
- (71) **ACAMBIS, INC. [US/US];** 38 Sidney Street, Cambridge, MA 02139 (US).
- (72) **WELTZIN, Richard, A.;** 188 Flat Hill Road, Lunenburg, MA 01462 (US). **MONATH, Thomas, P.;** 21 Finn Road, Harvard, MA 01451 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, 31/27, 31/421, 31/422, A61P 1/16, 43/00, 11/00, C07D 263/32, 413/04**
- (11) **WO 02/085412** (13) A1
- (21) PCT/JP02/03714
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) ja (26) ja
- (30) 2001-119601 **18 Apr/avr 2001 JP (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TISSUE FIBROSIS INHIBITORS
• INHIBITEURS DE LA FIBROSE DES TISSUS
- (71) **FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP];** 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MAEDA, Noriaki [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **NAGAKURA, Yasunori [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **OTA, Mariko [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **HIRAYAMA, Yoshitaka [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **SASAKAWA, Tatsuya [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **OE, Tomoya [JP/JP];** c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
- (74) **TABUSHI, Eiji;** c/o Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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).
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- (51)⁷ **A61K 47/00**
- (11) **WO 02/085413** (13) A1
- (21) PCT/KR02/00626
- (22) **9 Apr/avr 2002 (09.04.2002)**
- (25) en (26) en
- (30) 60/286,117 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNTHETIC CATALYST FOR SELECTIVE CLEAVAGE OF PROTEIN AND METHOD FOR SELECTIVE CLEAVAGE OF PROTEIN USING THE SAME
• CATALYSEUR SYNTHETIQUE POUR LE CLIVAGE SELECTIF D'UNE PROTEINE ET PROCEDE DE CLIVAGE SELECTIF D'UNE PROTEINE FAISANT APPEL A CE CATALYSEUR
- (71) **ARTZYME BIOTECH CORPORATION [KR/KR];** 403-1, Shinrim 2-dong, Kwanak-gu, Seoul 151-012 (KR).
- (72) **SUH, Junghun;** 102-303, Samchang Golden Village, Banpo-dong, Socho-gu, Seoul 137-040 (KR). **SON, Sang-Jun;** 903, Dongma Apt., Shinrim 10-dong, Kwanak-gu, Seoul 151-010 (KR). **SONG, Jung-Bae;** 6278, Shinheung-dong, Sujeong-gu, Sungnam-shi, Kyunggi-do 461-160 (KR). **YOO, Chang-Eun;** 314-13, Sadang 4-dong, Dongjak-gu, Seoul 156-821 (KR). **JE-UNG, Chul-Seung;** 271-84, Gochuk-dong, Kuro-gu, Seoul 152-080 (KR). **JEON, Joong-won;** 2-1006, Samik Apt., 1681, Socho

- 4-dong, Socho-gu, Seoul137-070 (KR).
HONG, In-Seok; 18-501, Jukong Apt., Gaepo 1-dong, Kangnam-gu, Seoul135-240 (KR).
- (74) **CHOI, Kyu-Pal**; Halla Classic Building 4F, 824-11, Yeoksam-dong, Kangnam-ku, Seoul135-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 47/00**
- (11) **WO 02/085414** (13) A2
- (21) PCT/US01/51605
- (22) **19 Dec/déc 2001 (19.12.2001)**
- (25) en (26) en
- (30) 60/256,711 **19 Dec/déc 2000 US (19.12.2000)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND COMPOSITIONS EMPLOYING FORMULATIONS OF LECITHIN OILS AND NSAIDS FOR PROTECTING THE GASTROINTESTINAL TRACT AND PROVIDING ENHANCED THERAPEUTIC ACTIVITY
- PROCEDE ET COMPOSITIONS FAISANT APPEL A DES FORMULATIONS D'HUILES DE LECITHINE ET D'ANTI-INFLAMMATOIRES NON STEROIDES, POUR LA PROTECTION DU TRACTUS GASTRO-INTESTINAL ET L'AMELIORATION DE L'EFFET THERAPEUTIQUE
- (71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; Office of General Counsel, 201 W. 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LICHTENBERGER, Lenard** [US/US]; 5427 Darnell, Houston, TX 77096 (US).
- (74) **STROZIER, Robert**; Robert W. Strozier, PLLC, 2925 Briarpark Drive, Suite 930, Houston, TX 77042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 **A61K 47/00, 9/36**
- (11) **WO 02/085415** (13) A1
- (21) PCT/US02/12323
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 60/284,389 **17 Apr/avr 2001 US (17.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NON-DIGESTIBLE SUGAR-COATED PRODUCTS AND PROCESS
- PRODUITS ENROBES DE SUCRES NON DIGESTIBLES ET PROCEDE ASSOCIE
- (71) **BIOMATRIX, INC** [US/US]; 7355 - 130th Street West, Apple Valley, MN 55124 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLER, Guy, W.** [US/US]; 4310 Goldenrod Lane North, Plymouth, MN 55442 (US).
- (74) **PARSONS, Nancy, J.**; Mercant & 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)
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- (51)⁷ **A61K 48/00, 38/00, C12N 15/863, 15/63, 15/64, C12P 21/00**
- (11) **WO 02/085416** (13) A1
- (21) PCT/US02/11795
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) en (26) en
- (30) 09/837,998 **19 Apr/avr 2001 US (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VIRAL VECTORS HAVING REDUCED VIRULENCE
- VECTEURS VIRAUX A VIRULENCE REDUITE
- (71) **ARIZONA BOARD OF REGENTS** [US/US]; P.O. Box 87511, Tempe, AZ 85287-3511 (US).
- (72) **JACOBS, Bertram**; 1004 S. Wilson Street, Tempe, AZ 85281 (US). **LANGLAND, Jeffrey**; 1927 E. Hampton #232, Mesa, AZ 85204 (US). **VYAYSRI, Sangeetha**; 944 S. Terrace Road #109, Tempe, AZ 85281 (US). **BRANDT, Teresa**; 4757, Gateshead Road, Carlsbad, CA 92008 (US).
- (74) **SORELL, Louis, S.** et al. / etc.; Baker & Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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).
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- (51)⁷ **A61K 49/00**
- (11) **WO 02/085417** (13) A2
- (21) PCT/US02/12820
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 60/285,973 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND DEVICES FOR MOISTURIZING HYPERPOLARIZED NOBLE GASES AND ASSOCIATED MOISTURIZED PHARMACEUTICAL GRADE INHALABLE HYPERPOLARIZED GAS PRODUCTS
- PROCEDES ET DISPOSITIFS D'HUMIDIFICATION DE GAZ RARES HYPERPOLARISES ET PRODUITS DE GAZ HYPERPOLARISES INHALABLES PHARMACEUTIQUES HUMIDIFIES ASSOCIES
- (71) **MEDI-PHYSICS, INC.** [US/US]; 101 Carnegie Center, Princeton, NJ 08540 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOLAM, Ken** [US/US]; 12308 Schoolhouse St., Raleigh, NC 27614 (US). **CELLA, Patrick** [US/US]; 404 Brandywine Circle, Raleigh, NC 27614 (US). **NOULS, John** [US/US]; 3753 Sun Catcher Lane, Wake Forest, NC 27587 (US). **TEIXEIRA, Brian** [US/US]; 129 W. Cornwall Road, Cary, NC 27511 (US).
- (74) **RICHARDSON, Julie, H.**; MYERS BIGEL SIBLEY & SAJOVEC, PO Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 51/08**
- (11) **WO 02/085418** (13) A2
- (21) PCT/US02/12565
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 01201466.8 **23 Apr/avr 2001 EP (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TC AND RE LABELER RADIOACTIVE GLYCOSYLATED OCTREOTIDE DERIVATIVES
- DERIVES D'OCTREOTIDE GLYCOSYLES RADIOACTIFS A MARQUAGE TC ET RE
- (71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

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

- (72, 75) WESTER, Hans-Jurgen [DE/DE]; Dinkelweg 4, 85304 Ilmmunster (DE). SCHOTTELIUS, Margret [DE/DE]; Sternstrasse 13, 80538 Muenchen (DE). SCHWAIGER, Markus [DE/DE]; Sophie-Stehle-Strasse 1, 80639 Muenchen (DE).
- (74) BOONE, Jeffrey, S.; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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

(11) WO 02/085419 (13) A2

(21) PCT/US02/12621

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,782 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIFUNCTIONAL-MODIFIED HYDROGELS
• HYDROGELS MODIFIES BIFUNCTIONNELS

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [—/US]; 614 Walnut Street, Madison, WI 53707-7365 (US).

(72) KAO, Weiyuan, John; 6814 Frank Lloyd Wright Avenue, Middleton, WI 53562 (US). LI, Jing; 530 West Johnson Street #606, Madison, WI 53703 (US). LOK, David; 202 Junction Road #110, Madison, WI 53717 (US).

(74) LEONE, Jos, T. et al. / etc.; DeWitt Ross & Stevens S.C., 8000 Excelsior Drive, Madison, WI 53717-1914 (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 A61L 9/012, C11D 11/00, A61L 9/04, 9/14, A61K 7/46

(11) WO 02/085420 (13) A1

(21) PCT/GB02/01673

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 0109754.2 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLOOR TREATMENT COMPOSITIONS
• COMPOSITIONS DE TRAITEMENT DE SOLS

(71) QUEST INTERNATIONAL B.V. [NL/NL]; Huizerstraatweg 28, 1411 GP Naarden (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEERLING, Judi, Ann [GB/GB]; 32 Linksway, Folkestone, Kent CT19 5LW (GB). MOHINDRA, Shibani [GB/GB]; 71 Mayfield Avenue, Orpington, Kent BR6 0AH (GB). PERRING, Keith, Douglas [GB/GB]; 14 Malvern Road, Ashford, Kent TN24 8HS (GB).

(74) KEITH W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61L 15/62, 15/22

(11) WO 02/085421 (13) A1

(21) PCT/US02/12516

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,755 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIODEGRADABLE FILMS HAVING ENHANCED DUCTILITY AND BREATHABILITY
• FILMS BIODEGRADABLES A DUCTILITE ET A RESPIRABILITE AMELIOREES

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

(72) TOPOLKARAEV, Vasily, A.; 1730 South Lee Street, Appleton, WI 54915 (US). SOERENS, Dave, Allen; 736 Kensington Road, Neenah, WI 54956 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 24/10, 24/00, 31/04, 31/16, 27/54, 27/22

(11) WO 02/085422 (13) A1

(21) PCT/EP02/04592

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,307 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRUG DELIVERY MATRICES TO ENHANCE WOUND HEALING
• MATRICES POUR L'ADMINISTRATION DE MEDICAMENTS DESTINEES A AMELIORER LA CICATRISATION

(71) EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH [CH/CH]; Rämistrasse 101, CH-8092 Zürich (CH). UNIVERSITÄT ZÜRICH [CH/CH]; Kunstlergasse 15, CH-8001 Zürich (CH).

(72) SCHMOECKEL, Hugo; Bergackerstrasse 22, CH-Zürich (CH). WEBER, Franz; Weinbergstrasse 91, CH-8006 Zürich (CH). SCHENSE, Jason, C.; Arosastrasse 12, CH-8008 Zurich (CH). HUBBELL, Jeffrey, Alan; Clausiusstrasse 35, CH-8006 Zürich (CH).

(74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 80797 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/34, 27/54, A61K 9/20, 9/70

(11) WO 02/085423 (13) A1

(21) PCT/FR02/01362

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05319 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIOMATERIALS WITH BIOACTIVE
COATINGS

• BIOMATERIAUX AVEC RECOUVRE-
MENTS BIOACTIFS

(71) INSTITUT NATIONAL DE LA SANTE
ET DE LA RECHERCHE MEDICALE
(I.N.S.E.R.M.) [FR/FR]; 101, rue de Tolbiac,
F-75654 Paris Cedex 13 (FR). CENTRE
NATIONAL DE LA RECHERCHE SCI-
ENTIFIQUE (C.N.R.S.) [FR/FR]; 3, rue
Michel Ange, F-75794 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHLUBA, Johanna [FR/FR]; 3, Rue
de la Sucharde, F-21800 Chevigny-saint
Sauveur (FR). OGIER, Joelle [FR/FR]; 11,
rue Strauss-Durkheim, F-67000 Strasbourg
(FR). VOEGEL, Jean-Claude [FR/FR]; 112
A, rue Flaques, F-67210 Valff (FR). ER-
BACHER, Patrick [FR/FR]; 8 rue de Spes-
bourg, F-67000 Strasbourg (FR). SCHAFF,
Pierre [FR/FR]; 5, rue de la Poudrière,
F-67210 Molsheim (FR). DECHER, Gero
[DE/DE]; Kirschst. 12, 77694 Kehl (DE).

(74) PEAUCELLE, Chantal et al. / etc.; Cab-
inet Armengaud Aine, 3, Avenue Bugeaud,
F-75116 Paris (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 27/34

(11) WO 02/085424 (13) A1

(21) PCT/US02/11755

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 09/841,798 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A COATING FOR A STENT AND A
METHOD OF FORMING THE SAME

• REVETEMENT POUR STENT ET PRO-
CEDE DE FORMATION DE CE REVE-
TEMENT

(71) ADVANCED CARDIOVASCULAR SYS-
TEMS, INC. [US/US]; 3200 Lakeside Drive,
Santa Clara, CA 95054 (US).

(72) HOSSAINY, Syed, F., A.; 34325 Tupelo
Street, Fremont, CA 94555 (US).

(74) KERRIGAN, Cameron et al. / etc.; Squire,
Sanders & Dempsey L.L.P., 600 Hansen Way,
Palo Alto, CA 94304-1043 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 33/00, A61N 1/375, 1/05

(11) WO 02/085425 (13) A1

(21) PCT/US02/12460

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,187 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENHANCED CHRONIC LEAD RE-
MOVAL

• EXTRACTION AMELIOREE D'UNE
DERIVATION CHRONIQUE

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

(72) EBERT, Michael, J.; 1525 Berne Circle
West, Fridley, MN 55421 (US). STOKES,
Kenneth, B.; 17481 Eidelweiss Street North-
east, Anoka, MN 55304 (US). MCVENES,
Rick, D.; 27125 Naples Street Northeast,
Isant, MN 55040 (US). ANDERSON,
James, A.; 24149 Cedar Road, Cleveland,
OH 44122 (US).

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

Published / Publiée : (c)

(51)⁷ A61M

(11) WO 02/085426 (13) A2

(21) PCT/DE02/01507

(22) 24 Apr/avr 2002 (24.04.2002)

(25) de (26) de

(30) 101 20 182.6 24 Apr/avr 2001 DE
(24.04.2001)

(30) 101 52 785.3 29 Oct/oct 2001 DE
(29.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RESPIRATORY AIR FILTER

• FILTRE RESPIRATOIRE

(71, 72) LERSCH, Ulrich [DE/DE]; Patri-
ciusstrasse 15, 50259 Pulheim (DE). NICO-
LIS, Petro [DE/DE]; Im Gewerbegebiet
Pesch 3, 50767 Koeln (DE).

(74) HUBLE, Kai; Patentanwaltskanzlei Huble,
Laerchenweg 2, 82319 Starnberg (DE).

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

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

(11) WO 02/085427 (13) A2

(21) PCT/IL02/00321

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,824 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTRAVENOUS CATHETER IMMOBI-
LIZER

• DISPOSITIF D'IMMOBILISATION DE
CATHETER INTRAVEINEUX

(71) H.H. BIOTECH LTD. [IL/IL]; Moshav
Manof, Moshav Manof 52, Box Misgav,
20184 Moshav Manof (IL).

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

(72, 75) HALEVY, HAIM [IL/IL]; Moshav
Manof 52, Box Misgav, 20184 Moshav
Manof (IL).

(74) CHIRNOMAS, Mordechai; Shibolet, Yis-
raeli, Roberts, Zisman & Co., 46 Montefiore
St., 65201 Tel-Aviv (IL).

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61M

(11) WO 02/085428 (13) A2

(21) PCT/US02/10425

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/838,662 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPLANTABLE OSMOTIC PUMP

• POMPE OSMOTIQUE IMPLANTABLE

(71) MICROSOLUTIONS, INC. [US/US]; 6856 Buttonwood Lane, Goleta, CA 93117 (US).

(72) HARPER, Derek, J.; 6856 Buttonwood Lane, Goleta, CA 93117 (US). MILO, Charles, F.; 167 Owens Court, Mountain View, CA 94043 (US).

(74) YOUNG, Alan, W.; Young Law Firm, P.C., 4370 Alpine Road, Suite 106, Portola Valley, CA 94028 (US).

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

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

(11) WO 02/085429 (13) A2

(21) PCT/US02/12592

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,227 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CHILD FRIENDLY SYRINGE

• SERINGUE POUR ENFANT

(71) COMAR [US/US]; One Comar Place, Buena, NJ 08310 (US).

(72) GARGIONE, Frank, V.; 106 S. Genoa Avenue, Egg Harbor, NJ 08215 (US). BUEHLER, John, D.; 20 Bishops Run Lane, Bridgeton, NJ 08302 (US). HOLDING, Thomas; 41 Burns Road, Millville, NJ 08332 (US).

(74) RENZ, Eugene, E., Jr.; Eugene E. Renz, Jr., P.C., 205 North Monroe Street, Post Office Box 2056, Media, PA 19063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 A61M

(11) WO 02/085430 (13) A2

(21) PCT/US02/12835

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,057 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CASSETTES SUPPORTING INTRACRANIAL PERFUSIONS

• CASSETTES DE SUPPORT DE PERFUSSIONS INTRACRANIENNES

(71) NEURON THERAPEUTICS, INC. [US/US]; 81 Great Valley Parkway, Great Valley Corporate Center, Malvern, PA 19355 (US).

(72) BARNITZ, James, C.; 1167 Lucy Drive, Schwenksville, PA 19473 (US).

(74) JACKSON, Arthur; Dechert, P.O. Box 5218, Princeton, NJ 08543 (US).

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

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

(11) WO 02/085431 (13) A2

(21) PCT/US02/12836

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,063 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF DELIVERING LIQUID THROUGH CEREBRAL SPINAL PATHWAY

• PROCEDE D'ADMINISTRATION D'UN LIQUIDE VIA UNE VOIE SPINALE CEREBRALE

(71) NEURON THERAPEUTICS, INC. [US/US]; 81 Great Valley Parkway, Great

Valley Corporate Center, Malvern, PA 19355 (US).

(72) BARNITZ, James, C.; 1167 Lucy Drive, Schwenksville, PA 19473 (US).

(74) JACKSON, Arthur; Dechert, P.O. Box 5218, Princeton, NJ 08543 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/10

(11) WO 02/085432 (13) A1

(21) PCT/SE02/00689

(22) 8 Apr/avr 2002 (08.04.2002)

(25) sv (26) en

(30) 0101259-0 10 Apr/avr 2001 SE (10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARTIFICIAL HEART

• COEUR ARTIFICIEL

(71, 72) AL-NAJJAR, Azad [SE/SE]; Rönningergatan 54, S-723 46 VÄSTERAS (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

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

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

(51)⁷ A61M 3/02

(11) WO 02/085433 (13) A1

(21) PCT/IB02/01243

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) BO2001A000246 24 Apr/avr 2001 IT (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPOSABLE SYSTEM FOR VAGINAL IRRIGATION WITH STERIL LIQUIDS PACKAGED IN A FLEXIBLE CONTAINER

- SYSTEME JETABLE D'IRRIGATION VAGINALE AVEC DES LIQUIDES STERILES CONDITIONNES DANS DES CONTENANTS SOUPLES
- (71) M.G.S. SPA [IT/IT]; Via Santa Rita da Cascia 33, I-20143 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUPI, Luciano [IT/IT]; Via Emilia Est 203, I-41100 Modena (IT).
- (74) TROMBETTI, Gioia; Via Portazza 8, I-40139 Bologna (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/00, A61K 39/00
- (11) WO 02/085434 (13) A1
- (21) PCT/EP02/04380
- (22) 21 Apr/avr 2002 (21.04.2002)
- (25) de (26) de
- (30) 101 19 568.0 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INJECTION DEVICE FOR ADMINISTERING RNA
- APPAREIL D'INJECTION POUR ADMINISTRATION D'ARN
- (71, 72) HOERR, Ingmar [DE/DE]; Hagelocherweg 40, 72070 Tübingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PASCOLO, Steve [FR/DE]; Bursagasse 12, 72070 Tübingen (DE). VON DER MOELBE, Florian [DE/DE]; Wannweilerstr. 31/2, 72138 Kirchentellinsfurt (DE).
- (74) GRAF VON STOSCH, Andreas et al. / etc.; Theatinerstr. 8, 80333 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 5/50
- (11) WO 02/085435 (13) A1
- (21) PCT/US02/12410
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,032 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SAFETY SHIELD SYSTEM FOR PREFILLED SYRINGES
- SYSTEME DE PROTECTION DE SECURITE POUR SERINGUES PREREMPLIES
- (71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (72) JANSEN, Hubert; 17, rue Flora Tristan, F-38320 Poisat (FR). GAGNIEUX, Samuel; 9, rue de Nontesquieu, F-38320 Eybens (FR).
- (74) MURTHA, James, J.; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/00
- (11) WO 02/085436 (13) A2
- (21) PCT/EP02/01483
- (22) 13 Feb/fév 2002 (13.02.2002)
- (25) en (26) en
- (30) 0109717.9 20 Apr/avr 2001 GB (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MEDICAMENT DISPENSER
- DISTRIBUTEUR DE MEDICAMENT
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIES, Michael, Birsha [GB/GB]; Glaxo Wellcome PLC, Park Road, Ware, Herts SG12 0DP (GB).
- (74) PIKE, Christopher, Gerard; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (u) for / pour US only / seulement
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- (51)⁷ A61M 16/16
- (11) WO 02/085438 (13) A1
- (21) PCT/SE02/00802
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) sv (26) en
- (30) 0101429-9 24 Apr/avr 2001 SE (24.04.2001)
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61M 16/00
- (11) WO 02/085437 (13) A1
- (21) PCT/US02/12726
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/840,544 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR TOTAL LIQUID VENTILATION WITH VERY LOW PRIMING VOLUME
- SYSTEME ET PROCEDE ASSURANT LA VENTILATION LIQUIDE TOTALE AVEC UN TRES FAIBLE VOLUME D'AMORÇAGE
- (71) ALLIANCE PHARMACEUTICAL CORP. [US/US]; 3040 Science Park Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROZENBERG, Allan, L. [US/US]; 11695 Boulton Avenue, San Diego, CA 92128-4286 (US). HOFFMAN, John, K. [US/US]; 13823 Terrilee Drive, Poway, CA 92064 (US).
- (74) WURST, John, E.; Alliance Pharmaceutical Corp., 3040 Science Park Road, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR MEASUREMENT OF HUMIDITY TRANSPORT TO AND FROM A VENTILATOR
• PROCEDE ET DISPOSITIF DE MESURE DE L'HUMIDITE TRANSPORTEE EN PROVENANCE ET A DESTINATION D'UN VENTILATEUR
- (71) **NORDISK INDUSTRIFYSIK AB** [SE/SE]; Stavgårdsgatan 3-5, S-167 56 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORSSTRÖM, Bo** [SE/SE]; S:t Eriksplan 10, S-113 32 Stockholm (SE). **UNRUH, Leif** [SE/SE]; Beijersparkgatan 22, S-212 24 Malmö (SE). **WIKEFELDT, Per** [SE/SE]; Såningsvägen 96, S-175 52 Järfälla (SE).
- (74) **BROLIN, Tommy** et al. / etc.; Albhns 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).
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- (51)⁷ **A61M 25/00**
(11) **WO 02/085439** (13) A2
(21) PCT/US02/10890
(22) **8 Apr/avr 2002 (08.04.2002)**
(25) en (26) en
(30) 09/838,618 **19 Apr/avr 2001 US (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CATHETER SLIT VALVES
• VALVES FENDUES DE CATHETER
- (71) **BOSTON SCIENTIFIC LIMITED** [IE/BB]; The Corporate Centre, Bush Hill, Bay Street, St. Michael (BB).
- (72) **HAARALA, Brett, T.**; 21 Pitt Road, Framingham, MA 01701 (US). **DRISCOLL, Arthur**; 50 Porter Street, Somerville, MA 02143 (US).
- (74) **FORCIER, John, V.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 25/00**
(11) **WO 02/085441** (13) A1
(21) PCT/US02/08788
(22) **21 Mar/mar 2002 (21.03.2002)**
(25) en (26) en
(30) 09/839,065 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MICROCATHETER WITH IMPROVED DISTAL TIP AND TRANSITIONS
• MICROCATHETER MUNI D'UN EMBOUT DISTAL AMELIORE ET DE TRANSITIONS
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55133-1566 (US).
- (72) **YE, Ting, Tina**; 3148 Cortona Drive, San Jose, CA 95135 (US). **SANTOS, Rhoda, M.**; 4942 Norwich Place, Newark, CA 94560 (US). **LIM, Elaine**; 5493 Reseda Circle, Fremont, CA 94538 (US). **TRAN, Mai, Xuan**; 2138 Flintmore Court, San Jose, CA 95148 (US). **DOAN, Hanh**; 218 Beaumere Way, Milpitas, CA 95035 (US). **NGUYEN, Simon, Ngoc, Huu**; 2650 Tagart Drive, San Jose, CA 95148 (US).
- (74) **ATKINSON, Robert, E.** et al. / etc.; Crompton, Seager & Tuft, LLC, 331 Second Avenue South, Suite 895, Minneapolis, MN 55401-2246 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 25/09, A61B 5/0215, 5/05**
(11) **WO 02/085442** (13) A1
(21) PCT/SE02/00771
(22) **19 Apr/avr 2002 (19.04.2002)**
(25) en (26) en
(30) 60/284,512 **19 Apr/avr 2001 US (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMBINED PRESSURE-VOLUME SENSOR AND GUIDE WIRE ASSEMBLY
• SYSTEME COMBINE DE DETECTEUR PRESSION-VOLUME ET DE FIL-GUIDE COMBINES
- (71) **RADI MEDICAL SYSTEMS AB** [SE/SE]; Palmbladsgatan 10, S-754 50 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TENERZ, Lars** [SE/SE]; Björkhagsvägen 24, S-756 46 Uppsala (SE). **SMITH, Leif** [SE/SE]; Malma Skogsväg 11, S-756 45 Uppsala (SE). **HAMMARSTRÖM, Ola** [SE/SE]; Björkvägen 21, S-540 17 Lerdala (SE). **BRODIN, Lars-Åke** [SE/SE]; Sportvägen 29, S-187 35 Täby (SE). **ELMQVIST, Håkan** [SE/SE]; Sunnerdahlsvägen 7, S-167 62 Bromma (SE). **SÖDERQVIST, Emil** [SE/SE]; Grytstigen 6, S-147 52 Tumba (SE). **CARLSSON, Camilla** [SE/SE]; Annebodavägen 43, S-125 46 Älvsjö (SE).
- (74) **DR LUDWIG BRANN PATENTBYRÅ AB**; Box 1344, (Drottninggatan 7), S-751 43 Uppsala (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

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

(51)⁷ A61M 29/00

(11) WO 02/085443 (13) A1

(21) PCT/US02/12582

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/841,929 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PARTIAL AORTIC OCCLUSION DEVICES AND METHODS FOR CEREBRAL PERFUSION AUGMENTATION

• DISPOSITIFS ET METHODES D'OCCLUSION AORTIQUE PARTIELLE VISANT A ACCROITRE L'IRRIGATION SANGUINE

(71) COAXIA, INC. [US/US]; 10900 73rd Avenue North, Suite 102, Maple Grove, MN 55369-5400 (US).

(72) BARBUT, Denise, R.; 70 East 77th Street, New York, NY 10021 (US). KEITH, Peter, T.; 1477 Grantham, St. Paul, MN 55108 (US). BERHOW, Steven, W.; 9177 13th Street N.E., St. Michael, MN 55376 (US). ST. GERMAIN, Jon, P.; 18890 146th Avenue, Elk River, MN 55330 (US).

(74) KAPPOS, John, C.; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (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 A61M 31/00

(11) WO 02/085444 (13) A1

(21) PCT/US02/12653

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,125 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LAPAROSCOPIC INSERTION DEVICE

• DISPOSITIF D'INSERTION LAPAROSCOPIQUE

(71) NORTHGATE TECHNOLOGIES INC. [US/US]; 600 Church Road, Elgin, IL 60123 (US).

(72) MANTELL, Robert, R.; 1128 East Valley Lane, Arlington Heights, IL 60004 (US). MANZIE, Peter, A.; 1808 East Avenue, Burwyn, IL 60402 (US).

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

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

FI FR GB GR IE IT LU MC NL PT 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 35/00

(11) WO 02/085445 (13) A2

(21) PCT/US02/02729

(22) 30 Jan/jan 2002 (30.01.2002)

(25) en (26) en

(30) 09/838,883 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER AND APPLICATOR ASSEMBLY

• ENSEMBLE RECIPIENT ET APPLIQUEUR

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

(72) PETRICH, Robert, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

FLEISHER, Larry, D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 37/00

(11) WO 02/085446 (13) A2

(21) PCT/US02/12659

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,572 20 Apr/avr 2001 US
(20.04.2001)

(30) 60/342,552 20 Dec/déc 2001 US
(20.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICROPROJECTION ARRAY IMMUNIZATION PATCH AND METHOD

• PATCH D'IMMUNISATION COMPRENANT UN RESEAU DE MICROPROJECTIONS ET PROCEDE ASSOCIE

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, M10-3, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) CORMIER, Michael, J.; 278 Andsbury Avenue, Mountain View, CA 94043 (US). DADDONA, Peter, E.; 35 Anderson Way, Menlo Park, CA 94025 (US). JOHNSON, Juanita, A.; 2822 San Juan Blvd., Belmont, CA 94002

(US). YOUNG, Wendy, A.; 1071 W. Riverside Way, San Jose, CA 95129 (US). MATRIANO, James, A.; 2384 Lida Drive, Mountain View, CA 94043 (US). KEENAN, Richard, L.; 14711 Fruitvale Avenue, Saratoga, CA 95070 (US). TRAUTMAN, Joseph, C.; 1574 Wright Avenue, Sunnyvale, CA 94087 (US).

(74) BATES, Owen, J. et al. / etc.; 1900 Charleston Road, M10-3, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 37/00

(11) WO 02/085447 (13) A2

(21) PCT/US02/12730

(22) 20 Apr/avr 2002 (20.04.2002)

(25) en (26) en

(30) 60/285,576 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICROPROJECTION ARRAY HAVING A BENEFICIAL AGENT CONTAINING COATING

• RESEAU DE MICRO-PROJECTIONS AVEC REVETEMENT CONTENANT UN PRINCIPE BENEFIQUE

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, M10-3, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) CORMIER, Michel, J.; 278 Andsbury Avenue, Mountain View, CA 94043 (US). DADDONA, Peter, E.; 35 Anderson Way, Menlo Park, CA 94025 (US). JOHNSON, Juanita, A.; 2822 San Juan Blvd., Belmont, CA 94002 (US). YOUNG, Wendy, A.; 1071 W. Riverside Way, San Jose, CA 95129 (US).

(74) BATES, Owen, J. et al. / etc.; 1900 Charleston Road, M10-3, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

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

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

(51)⁷ A61N

(11) WO 02/085448 (13) A2

(21) PCT/US02/12697

(22) 19 Apr/avr 2002 (19.04.2002)

- (25) en (26) en
- (30) 60/285,176 20 Apr/avr 2001 US
(20.04.2001)
- (30) 60/291,681 17 May/mai 2001 US
(17.05.2001)
- (30) 60/295,028 31 May/mai 2001 US
(31.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **CARDIAC NEUROMODULATION AND METHODS OF USING SAME**
• **NEUROMODULATION CARDIAQUE ET PROCÉDES D'UTILISATION CORRESPONDANTS**
- (71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** [US/US]; 1000 Asp Avenue, Norman, OK 73019 (US).
- (72) **FOREMAN, Robert, D.**; 3504 Cheyenne Drive, Edmond, OK 73013 (US). **ARDELL, Jeffrey, L.**; 3 Matsou Court, Johnson City, TN 37604 (US). **ARMOUR, John, A.**; 1773 Beech Street, Halifax, Nova Scotia B3H 4B7 (CA). **DEJONGSTE, Michael, J., L.**; Lokveenweg 30, NL-9751 CK Haren (NL). **LINDEROTH, Bengt, G., S.**; Vintervagen 36, S-16954 Solina (SE).
- (74) **BERG, Richard, P. et al. / etc.**; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 A61N
- (11) **WO 02/085449** (13) A2
- (21) PCT/US02/12708
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 09/839,258 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **MAGNETIC FIELD STIMULATION TECHNIQUES**
• **PROCÉDES DE STIMULATION FAISANT APPEL A DES CHAMPS MAGNETIQUES**
- (63) US 09/839,258 (CON)
20 Apr/avr 2001 (20.04.2001)
- (71) **MCLEAN HOSPITAL** [US/US]; 115 Mill Street, Belmont, MA 02478 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROHAN, Michael, L.** [US/US]; 46 Hubbard Avenue, Cambridge, MA 02140 (US). **PAROW, Aimee** [US/US]; Apt. 16, 26 Allston Street, Allston, MA 02134 (US). **RENSHAW, Perry, F.** [US/US]; 6 Newton Road #2, Arlington, MA 02474 (US).

- (74) **GLITZENSTEIN, Kurt et al. / etc.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 the following designations / pour les désignations suivantes :* AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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)

- (51)⁷ A61N
- (11) **WO 02/085450** (13) A2
- (21) PCT/US02/04030
- (22) **8 Feb/fév 2002 (08.02.2002)**
- (25) en (26) en
- (30) 09/798,762 2 Mar/mar 2001 US
(02.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **DISPOSABLE ECG CHEST ELECTRODE TEMPLATE WITH BUILT-IN DEFIBRILLATION ELECTRODES**
• **GABARIT D'ELECTRODES THORACIQUE JETABLE POUR ELECTROCARDIOGRAMME COMPORTANT DES ELECTRODES DE DEFIBRILLATION INTEGREEES**
- (71, 72) **DOMINGUEZ, Steven** [US/US]; 19 Bridgton, Laguna Niguel, CA 92677 (US).
- (74) **GESS, Albin, H.**; PRICE AND GESS, 2100 S.E. Main Street, Suite 250, 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 A61N 1/32
- (11) **WO 02/085451** (13) A2
- (21) PCT/IL02/00319
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 09/840,522 23 Apr/avr 2001 US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **HANDHELD APPARATUS AND METHOD FOR TRANSDERMAL DRUG DELIVERY AND ANALYTE EXTRACTION**
• **APPAREIL A MAIN ET PROCÉDE D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT ET D'EXTRACTION D'ANALYTE**
- (71) **TRANSPHARMA LTD.** [IL/IL]; P.O.B. 222, 56000 Yehud (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AVRAHAMI, Zohar** [IL/IL]; 40 Binyamin Street, 76241 Rehovot (IL). **SOHN, Ze'ev** [IL/IL]; 18 Hadas Street, 44853 Ginot HaShomron (IL).
- (74) **SANFORD T. COLB & CO. et al. / etc.**; P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61N 1/36
- (11) **WO 02/085452** (13) A1
- (21) PCT/EP02/04466
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 2001/00650 24 Apr/avr 2001 DK
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **FUNCTIONAL ELECTRICAL THERAPY SYSTEM (FETS)**
• **SYSTEME DE THERAPIE ELECTRIQUE FONCTIONNELLE (FETS)**
- (71) **NEURODAN A/S** [DK/DK]; Niels Jernes Vej 10, DK-9220 Aalborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POPOVIC, Dejan, P.** [YU/YU]; Ruzveltova 44, YU-11000 Belgrade (YU). **SINK-JAER, Thomas** [DK/DK]; Norgardsvej 3a, DK-9260 Gistrup (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).

Published / Publiée : (c)

(51)⁷ A61N 1/365, 1/368

(11) WO 02/085453 (13) A1

(21) PCT/US02/13174

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/843,112 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPLANTABLE MEDICAL DEVICE EMPLOYING SINGLE DRIVE, DUAL SENSE IMPEDANCE MEASURING

• DISPOSITIF MEDICAL IMPLANTABLE UTILISANT UNE TECHNIQUE D'IMPEDANCE BIDIRECTIONNELLE A ENTRAINEMENT UNIQUE,

(71) CARDIAC PACEMAKERS, INC. [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) DAUM, Douglas, R.; 7050 - 23rd Street North, Oakdale, MN 55128 (US).

(74) HOLLINGSWORTH, Mark, A.; Crawford PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 A61N 1/39

(11) WO 02/085454 (13) A1

(21) PCT/US02/11517

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 09/841,183 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR DELIVERING ELECTROTHERAPY

• PROCEDE ET APPAREIL PERMETTANT UNE ELECTROTHERAPIE

(71) MEDTRONIC PHYSIO-CONTROL MANUFACTURING CORP. [US/US]; 11811 Willows Road NE, Redmond, WA 98052-1013 (US).

(72) SULLIVAN, Joseph, L.; 13829 101st Place N.E., Kirkland, WA 98034 (US). DEBARDI, Gary; 11133 109th Lane NE #M207, Kirkland, WA 98033 (US).

(74) MORGAN, Kevan, L.; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) CN IL IN JP RU.

(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 A61N 5/10

(11) WO 02/085455 (13) A1

(21) PCT/FR02/01371

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05437 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR MONITORING AN ANATOMICAL IMAGING UNIT OR A RADIOTHERAPY UNIT

• DISPOSITIF DE PILOTAGE D'UNE UNITE D'IMAGERIE ANATOMIQUE OU D'UNE UNITE DE RADIOTHERAPIE

(71) DYN'R [FR/FR]; 73, Rue de Louge, F-31600 Muret (FR).

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

(72, 75) LE CORRE, Patrick [FR/FR]; 12 Rue Clément Ader, F-31600 Muret (FR).

(74) CABINET BARRE LAFORGUE & ASSOCIES; 95, rue des Amidonniers, F-31000 Toulouse (FR).

(81) CA CN JP MX 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).

Published / Publiée : (c)

(51)⁷ A61N 7/00, A61M 11/00, B05B 17/06

(11) WO 02/085456 (13) A1

(21) PCT/US02/12138

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,416 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT

• PROCEDE ET DISPOSITIF A ULTRASONS CONÇUS POUR LE TRAITEMENT DES LESIONS

(71) CELLERATION [US/US]; 6570 Edenvale Blvd., Eden Prairie, MN 55346 (US).

(72) BABAIEV, Eilaz; 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 UZ VN YU ZA ZW.

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

(51)⁷ A61N 7/02, G01R 33/48

(11) WO 02/085457 (13) A1

(21) PCT/FR02/01352

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05410 20 Apr/avr 2001 FR (20.04.2001)

(30) 01/10992 22 Aug/août 2001 FR (22.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ASSEMBLY FOR HEAT TREATMENT OF BIOLOGICAL TISSUES

• ENSEMBLE POUR LE TRAITEMENT THERMIQUE DE TISSUS BIOLOGIQUES

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR). UNIVERSITE VICTOR SEGALEN-BORDEAUX 2 [FR/FR]; 146, rue Léo-Saignat, F-33000 Bordeaux (FR).

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

(72, 75) MOONEN, Chrétien [NL/FR]; 24, rue du soleil Levant, F-33170 Gradignan (FR). QUESSON, Bruno [FR/FR]; Appt. 340, 30, rue du Tauzin, F-33000 Bordeaux (FR). VIMEUX, Frédéric [FR/FR]; 13, allée des Muriers, F-31700 Blagnac (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)

- (51)⁷ A61P 13/08, A61K 31/44, 31/455
(11) WO 02/085458 (13) A2
(21) PCT/EP02/01085
(22) 2 Feb/fév 2002 (02.02.2002)
(25) en (26) en
(30) 01109853.0 23 Apr/avr 2001 EP
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • USE OF NK-1 RECEPTOR ANTAGONISTS AGAINST BENIGN PROSTATIC HYPERPLASIA
• UTILISATION D'ANTAGONISTES DE RECEPTEUR DE NK-1 CONTRE L'HYPERPLASIE BENIGNE DE LA PROSTATE
(71) F. HOFFMAN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).
(72) BUSER, Susanne; Huelftenstrasse 5, CH-4402 Frenkendorf (CH). FORD, Anthony, P., D., W.; 709 Tiana Lane, Mountain View, CA 94041 (US). HOFFMANN, Torsten; Kleinhueninger Strasse 15, 79576 Weil am Rhein (DE). LENZ, Barbara; Riedstrasse 3, 79189 Bad Krozingen (DE). SLEIGHT, Andrew, John; Résidence Le Manoir, 3A, rue de la Lisiere, F-68400 Riedisheim (FR). VANKAN, Pierre; Mythenstrasse 8, CH-4054 Basel (CH).
(74) WAECHTER, Dieter; Grenzacherstrasse 124, CH-4070 Basle (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 A61P 35/00, A61K 45/06
(11) WO 02/085459 (13) A2
(21) PCT/US02/13219
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 09/843,132 25 Apr/avr 2001 US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ANTIANGIOGENIC COMBINATION THERAPY FOR THE TREATMENT OF CANCER
• POLYTHERAPIE ANTI-ANGIOGENIQUE POUR LE TRAITEMENT DU CANCER
(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 N. Lindbergh Blvd., Mail Zone O4E, St. Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MCKEARN, John, P. [US/US]; 18612 Babler Meadows Drive, St. Louis, MO 63038 (US). GORDON, Gary, B. [US/US]; 3282 University Avenue, Highland Park, IL 60035

- (US). CUNNINGHAM, James, J. [US/US]; 3733 N. Bell Avenue, Chicago, IL 60618 (US). GATELY, Stephen, T. [US/US]; 357 East Shady Pines Court, Palatine, IL 60067 (US). KOKI, Alane, T. [US/US]; 6689 Highway 185, Beaufort, MO 63013 (US). MASFERRER, Jaime, L. [CL/US]; 1213 Blairshire, Ballwin, MO 63011 (US).
(74) WARNER, James, M. et al. / etc.; Pharmacia Corporation, Corporate Patent Department, 800 N. Lindbergh Blvd., Mail Zone O4E, St. Louis, MO 63167 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A62D 1/00
(11) WO 02/085460 (13) A1
(21) PCT/JP01/03394
(22) 20 Apr/avr 2001 (20.04.2001)
(25) ja (26) ja
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • FIRE-EXTINGUISHING AGENT, WATER FOR FIRE EXTINGUISHING, AND METHOD OF FIRE EXTINGUISHING
• AGENT D'EXTINCTION D'INCENDIE, EAU POUR EXTINCTION D'INCENDIE ET PROCEDE D'EXTINCTION D'INCENDIE
(71) KOHJIN CO., LTD. [JP/JP]; 1-21, Nihonbashi Muromachi 4-chome, Chuo-ku, Tokyo 103-0022 (JP). CITY OF KOBE [JP/JP]; 5-1, Kano-cho 6-chome, Chuo-ku, Kobe-shi, Hyogo 650-8570 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KASHIKI, Keizou [JP/JP]; 3-20, Nishiyama-cho 4-chome, Nagata-ku, Kobe-shi, Hyogo 653-0862 (JP). SUMITANI, Masatoshi [JP/JP]; 5-15-506, Hamayama-dori 2-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0871 (JP). SAKAE, Kojiro [JP/JP]; 10-16-506, Hiyodoridai 3-chome, Kita-ku, Kobe-shi, Hyogo 651-1123 (JP). KOMATSU, Shigeru [JP/JP]; 1-5, Zenshoji-cho 2-chome, Suma-ku, Kobe-shi, Hyogo 654-0001 (JP). MARUYAMA, Takashi [JP/JP]; 225-208, Dote-cho 3-chome, Omiya-shi, Saitama 330-0801 (JP). WANG, Yanfeng [CN/JP]; 74-1, Aza-basho, Matsue-cho, Yatsushiro-shi, Kumamoto 866-0883 (JP).
(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Ochanomizu Square B, 6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101-0062 (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).
(51)⁷ A63B
(11) WO 02/085461 (13) A2
(21) PCT/IT02/00233
(22) 15 Apr/avr 2002 (15.04.2002)
(25) en (26) en
(30) RM01A000221 23 Apr/avr 2001 IT
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • IMPROVED SPORTING APPARATUS
• APPAREIL DE SPORT AMELIORE
(71, 72) MUSSO, Giuseppe [IT/IT]; Contrada Albachiara, I-90047 Partinico (IT).
(74) SCILLETTA, Andrea et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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
(11) WO 02/085462 (13) A2
(21) PCT/US02/12285
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/838,944 20 Apr/avr 2001 US
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • GOLF CLUB IRON HEAD, CORRELATED SET OF INDIVIDUALLY NUMBERED GOLF CLUB IRONS, METHOD OF MATCHING A GOLF CLUB TO A GOLFER, AND METHOD OF MATCHING A SET OF GOLF CLUBS TO A GOLFER
• TETE DE CLUB DE GOLF EN FER, ENSEMBLE CORRELE DE CLUBS DE GOLF EN FER NUMEROTES INDIVIDUELLEMENT, PROCEDE D'ADAPTATION D'UN CLUB DE GOLF A UN JOUEUR, ET PROCEDE D'ADAPTATION D'UN ENSEMBLE DE CLUBS DE GOLF A UN JOUEUR
(71) U.I.G., INC. [US/US]; 1135 Terminal Way, Reno, NV 89502 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHERWOOD, Brad, L. [US/US]; 4921 North Division, Spokane, WA 99205 (US).

(74) **MATKIN, Mark, S.** et al. / etc.; 601 West First Avenue, Suite 1300, Spokane, WA 99201-3828 (US).

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

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

(51)⁷ **A63B 23/08**

(11) **WO 02/085463** (13) A1

(21) PCT/EP02/02793

(22) **13 Mar/mar 2002 (13.03.2002)**

(25) de (26) de

(30) 101 13 916.0 **21 Mar/mar 2001 DE (21.03.2001)**

(30) 101 63 372.6 **22 Dec/déc 2001 DE (22.12.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRAINING DEVICE, WHICH IS WEDGE-SHAPED WHEN IN USE AND WHICH IS PROVIDED FOR PREVENTING THROMBOSIS IN LEGS

• APPAREIL D'ENTRAÎNEMENT CUNIFORME LORS DE L'UTILISATION, UTILISE POUR PREVENIR LES THROMBOSES DANS LES JAMBES

(71, 72) **WENDELIN, Lauxen** [DE/DE]; Frohsinnstrasse 16/18, 63739 Aschaffenburg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 36/07**

(11) **WO 02/085464** (13) A1

(21) PCT/US02/12861

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 09/840,312 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GOLF BALL WITH MULTI-LAYER COVER UTILIZING POLYURETHANE MATERIALS

• BALLE DE GOLF COMPRENANT UNE ENVELOPPE MULTICOUCHE FORMEE DE MATIERES A BASE DE POLYURETHANNE

(71) **SPALDING SPORTS WORLDWIDE, INC.** [US/US]; 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(72) **BINETTE, Mark, L.**; 241 Elizabeth Drive, Ludlow, MA 01056 (US). **SULLIVAN, Michael, J.**; 3 River Oak Road, Barrington, RI 02806 (US). **KENNEDY, Thomas, J., III**; 3 Mirick Lane, Wilbraham, MA 01095 (US). **TZIVANIS, Michael, J.**; 36 Tolpa Court, Chicopee, MA 01020 (US). **KELLER, Viktor**; 2703 29th Avenue West, Bradenton, FL 34205 (US). **RISEN, William, M., Jr.**; 87 Miller Avenue, Rumford, RI 02916 (US).

(74) **BUGBEE, Michelle**; Spalding Sports Worldwide, Inc., 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(81) AU CA GB JP.

(51)⁷ **A63B 37/00, 37/12, C08L 77/10**

(11) **WO 02/085465** (13) A1

(21) PCT/US02/11981

(22) **16 Apr/avr 2002 (16.04.2002)**

(25) en (26) en

(30) 09/837,403 **18 Apr/avr 2001 US (18.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ISOPHTHALIC ACID POLYAMIDE POLYMER FOR USE IN GOLF BALL COVERS OR MANTLES

• POLYMERES DE POLYAMIDE D'ACIDE ISOPHTHALIQUE A UTILISER DANS DES REVETEMENTS OU MANTEAUX DE BALLE DE GOLF

(71) **SPALDING SPORTS WORLDWIDE, INC.** [US/US]; 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(72) **KENNEDY, Thomas, J., III**; 3 Mirick Lane, Wilbraham, MA 01095 (US). **NEIL, John, T.**; 196 County Road, Woodstock, CT 06281 (US). **BINETTE, Mark, L.**; 241 Elizabeth Drive, Ludlow, MA 01056 (US). **MELANSON, David**; 54 Simard Drive, Apt. 6, Chicopee, MA 01020 (US).

(74) **BUGBEE, Michelle**; Spalding Sports Worldwide, Inc., 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(81) AU CA GB JP.

(51)⁷ **A63B 37/08**

(11) **WO 02/085466** (13) A1

(21) PCT/US02/11576

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) en (26) en

(30) 09/838,538 **18 Apr/avr 2001 US (18.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GOLF BALL COMPOSITION AND METHOD OF MANUFACTURE

• COMPOSITION D'UNE BALLE DE GOLF ET PROCEDE DE FABRICATION

(71) **TAYLOR MADE GOLF COMPANY, INC.** [US/US]; 5545 Fermi Court, Carlsbad, CA 92008-1517 (US).

(72) **KIM, Hyun, Jin**; 5545 Fermi Court, Carlsbad, CA 92008-1517 (US).

(74) **CAGLAR, Oral**; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).

(81) JP.

(51)⁷ **A63B 37/12**

(11) **WO 02/085467** (13) A1

(21) PCT/US02/12669

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 09/843,362 **25 Apr/avr 2001 US (25.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GOLF BALL HAVING DUAL CORE AND THIN POLYURETHANE COVER FORMED BY RIM

• BALLE DE GOLF AYANT UN DOUBLE NOYAU ET UN REVETEMENT DE POLYURETHANNE MINCE OBTENU PAR MOULAGE PAR INJECTION ET REACTION

(71) **SPALDING SPORTS WORLDWIDE, INC.** [US/US]; 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(72) **SULLIVAN, Michael, J.**; 3 River Oak Road, Barrington, RI 02806 (US). **NESBITT, R., Dennis**; 70 Deer Path Lane, Westfield, MA 01085 (US). **KENNEDY, Thomas, J., III**; 3 Mirick Lane, Wilbraham, MA 01095 (US). **TZIVANIS, Michael, J.**; 36 Tolpa Court, Chicopee, MA 01013 (US). **BINETTE, Mark, L.**; 241 Elizabeth Drive, Ludlow, MA 01056 (US). **KELLER, Viktor**; 2703 29th Avenue West, Bradenton, FL 34205 (US). **RISEN, William, M., Jr.**; 87 Miller Street, Rumford, RI 02916 (US).

(74) **BUGBEE, Michelle**; Spalding Sports Worldwide, Inc., 525 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).

(81) AU CA GB JP.

(51)⁷ **A63B 37/12, 37/02**

(11) **WO 02/085468** (13) A1

(21) PCT/US02/13003

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 09/840,475 **23 Apr/avr 2001 US (23.04.2001)**

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GOLF BALL WITH DUAL CORE AND POLYURETHANE COVER
- BALLE DE GOLF A DOUBLE NOYAU ET A ENVELOPPE EN POLYURETHANNE
- (71) SPALDING SPORTS WORLDWIDE, INC. [US/US]; 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).
- (72) SULLIVAN, Michael, J.; 3 River Oak Road, Barrington, RI 02806 (US). NESBITT, R., Dennis; 70 Deer Path Lane, Westfield, MA 01085 (US). KENNEDY, Thomas, J., III; 3 Mirick Lane, Wilbraham, MA 01095 (US). TZIVANIS, Michael, J.; 36 Tolpa Court, Chicopee, MA 01013 (US). BINETTE, Mark, L.; 241 Elizabeth Drive, Ludlow, MA 01056 (US). KELLER, Viktor; 2703 29th Avenue West, Bradenton, FL 34205 (US). RISEN, William, M., Jr.; 87 Miller Street, Rumford, RI 02916 (US).
- (74) BUGBEE, Michelle; Spalding Sports Worldwide, Inc., 425 Meadow Street, P.O. Box 901, Chicopee, MA 01021-0901 (US).
- (81) AU CA GB JP.

(51)⁷ A63B 37/14

(11) WO 02/085469 (13) A1

(21) PCT/US02/12194

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 09/843,338 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • AERODYNAMIC PATTERN FOR A GOLF BALL
- MOTIF AERODYNAMIQUE DESTINE A UNE BALLE DE GOLF

(71) CALLAWAY GOLF COMPANY [US/US]; A Delaware Corporation, 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).

(72) OGG, Steven, S.; 979 Turnstone Road, Carlsbad, CA 92009 (US).

(74) CATANIA, Michael, A.; Callaway Golf Company, 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).

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

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

(51)⁷ A63B 69/36, 69/00

(11) WO 02/085470 (13) A1

(21) PCT/CZ02/00002

(22) 9 Jan/jan 2002 (09.01.2002)

(25) en (26) en

(30) PV 2001-1435 23 Apr/avr 2001 CZ (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MOBILE DEVICE FOR PRACTISING GOLF BALL STROKES
- DISPOSITIF MOBILE D'ENTRAINEMENT AU GOLF

(71, 72) PRIBYL, Zdenek [CZ/CZ]; Okružní 691, Maratice, 686 05 Uherské Hradiště (CZ).

(74) KREIZLOVÁ, Dana; SPUR a.s., tr. T.Bati 299, 764 22 Zlín (CZ).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 A63B 69/36, 53/04

(11) WO 02/085471 (13) A1

(21) PCT/GB01/01796

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • GOLF CLUB
- BATON DE GOLF

(71) ZEN CORPORATION LIMITED [GB/GB]; 32 Cumberland Street, Sheffield S1 4PT (GB).

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

(72, 75) MIDDLETON, Nicholas, Mark, Middleton [GB/GB]; Sandalwood, 144 Meadow Head, Sheffield S8 7UF (GB).

(74) BAILEY WASH & CO; 5 York Place, Leeds LS1 2SD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 A63C 5/048, 5/00

(11) WO 02/085472 (13) A1

(21) PCT/JP02/03812

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-119650 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SNOW BOARD, SKI AND UPPER EDGE FIXING METAL

- SNOWBOARD, SKI ET FIXATION METALLIQUE DE CARRE SUPERIEURE

(71) PARK WAY CO., LTD. [JP/JP]; 21-9, Shimouma 4-chome, Setagaya-ku, Tokyo 154-0002 (JP).

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

(72, 75) PARK, Young-soo [JP/JP]; c/o PARK WAY CO., LTD., 21-9, Shimouma 4-chome, Setagaya-ku, Tokyo 154-0002 (JP).

(74) HAGIWARA, Yasushi et al. / etc.; Kanemoto, Kameya, Hagiwara and Inoue, Shinjuku Akebonobashi Building, 1-12, Sumiyoshicho, Shinjuku-ku, Tokyo 162-0065 (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 A63C 9/00

(11) WO 02/085473 (13) A1

(21) PCT/FR02/01312

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05485 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • DEVICE FOR MOUNTING/ DISASSEMBLING A SKI BINDING ON A SKI IN A RAPID MANNER
- DISPOSITIF DE MONTAGE, DEMONTAGE RAPIDES D'UNE FIXATION DE SKI SUR UN SKI

(71, 72) BRESSAND, René [FR/FR]; 870, route de la Côte, F-74410 Saint-Jorioz (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63C 9/08, 9/086

(11) WO 02/085474 (13) A1

(21) PCT/GB02/01851

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109957.1 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • A BINDING SYSTEM
- SYSTEME DE FIXATION

(71, 72) SANDERS, Martin [GB/GB]; Century Business Centre, Manvers, Wath Upon Dearne, South Yorkshire S63 5DA (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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

(11) WO 02/085475 (13) A2

(21) PCT/IB02/01868

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 01/04954 11 Apr/avr 2001 FR (11.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELECTION OF CARDS FOR A LONG-DISTANCE GAME

• SELECTION DE CARTES POUR JEU LONGUE DISTANCE

(71) FXTOP [FR/FR]; 13 rue Lantiez, F-75017 Paris (FR).

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

(72, 75) PELE, Laurent [FR/FR]; 13, rue Lantiez, F-75017 Paris (FR).

(81) AU CA GB IL JP NZ US ZA.

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A63F 13/00

(11) WO 02/085476 (13) A1

(21) PCT/US02/12300

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/836,993 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRIZE ASSIGNMENT METHOD AND PROGRAM PRODUCT FOR BINGO-TYPE GAMES

• PROCEDE ET PROGICIEL D'ATTRIBUTION DE PRIX POUR DES JEUX DE TYPE BINGO

(71) MULTIMEDIA GAMES, INC. [US/US]; Suite 300, 8900 Shoal Creek Blvd., Austin, TX 78757 (US).

(72) LIND, Clifton; 2 Las Brisas, Austin, TX 78746 (US). LOEBIG, Gary, L.; 9608 Anchusa Trail, Austin, TX 78736 (US). LIND, Jefferson, C.; 10508 Double Spur Loop, Austin, TX 78759 (US). KEANE, Martin; 1960 N. Lincoln Park W., Apt. 1103, Chicago, IL 60614 (US). ENZMINGER, Joseph, Richard; 3607 Bobins Road, Austin, TX 78730 (US). PADGETT, John, Everett; 4600 Seton Center Parkway, No. 813, Austin, TX 78759-5258 (US). BRANDT, David, Michael; 7525 Windrush Drive, Austin, TX 78729 (US).

(74) CULBERTSON, Russell, D. et al. / etc.; Shaffer & Culbertson, L.L.P., 1250 Capital of Texas Hwy. S., Bldg. One, Ste. 360, Austin, TX 78746 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A63F 13/12

(11) WO 02/085477 (13) A1

(21) PCT/JP02/03682

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-116993 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BROADUS CATCHING GAME SYSTEM USING COMMUNICATION NETWORK

• SYSTEME DE JEU D'ATTRAPE DE BROADUS FAISANT APPEL A UN RESEAU DE COMMUNICATION

(71) BANPRESTO CO., LTD. [JP/JP]; 10-8, Nihonbashi-Odenma-Cho, Chuo-ku, Tokyo 103-0011 (JP).

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

(72, 75) SHIMODA, Kazuyoshi [JP/JP]; c/o BANPRESTO CO., LTD., 1230-1, Matsudo, Matsudo-shi, Chiba 271-0092 (JP).

(74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

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

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

(51)⁷ A63G 31/00

(11) WO 02/085478 (13) A1

(21) PCT/NZ02/00066

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 511232 20 Apr/avr 2001 NZ (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AMUSEMENT RIDE

• MANEGE

(71, 72) SHEPHERD, Craig, Alan [NZ/NZ]; PO Box 27 029, 195-201 Willis Street, WELLINGTON (NZ). McGAVESTON, Philip, Arthur [NZ/NZ]; PO Box 27 029, 195-201 Willis Street, WELLINGTON (NZ).

CUMMINS, Robert [NZ/NZ]; PO Box 27 029, 195-201 Willis Street, WELLINGTON (NZ). HARRAP, Neil, Horace [NZ/NZ]; 11 Mary Street, WELLINGTON (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, 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)⁷ A63H 17/36

(11) WO 02/085479 (13) A1

(21) PCT/KR01/00762

(22) 10 May/mai 2001 (10.05.2001)

(25) ko (26) en

(30) 2001/22012 24 Apr/avr 2001 KR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOVING TOY

• JOUET MOBILE

(71) ROBOLAND CO., LTD. [KR/KR]; 904, DaeRung Technotown 3, 448, Kasan-dong, Kumcheon-gu, Seoul 153-803 (KR).

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

(72, 75) RYUH, Young, Sun [KR/KR]; Sinjung-macul 623-301, 1027, Poongdukchun-ri, Sujieub, Kyungki-do, Yongin-city 449-846 (KR).

(74) SHIN, Dong, Joon; 10th Fl., Woonam Bldg., 824-22, Yeoksam-dong, Kangnam-ku, Seoul 135-934 (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 A63H 30/04, A63F 13/00, A63H 30/00, 18/00

(11) WO 02/085480 (13) A1

(21) PCT/EP02/03961

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 771.3 23 Apr/avr 2001 DE (23.04.2001)

(30) 201 09 595.5 8 Jun/juin 2001 DE (08.06.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOBILE TELEPHONE, DATA PROCESSING SYSTEM OR GAME COMPUTER AND A REAL MOBILE TOY
• TELEPHONE PORTABLE, INSTALLATION DE TRAITEMENT DE DONNEES OU CONSOLE DE JEUX ET JOUET REEL MOBILE
- (71, 72) STADLBAUER, **Andreas** [AT/AT]; Stanzingstr. 7/11, A-5061 Elsbethen (AT).
- (74) ZEITLER, **Giselher**; Zeitler, Dickel, Kandlbinder, Herrnstrasse 15, 80539 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 B01D
(11) WO 02/085481 (13) A2
(21) PCT/US02/12354
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/838,660 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • POLYMERIC MEMBRANES FUNCTIONALIZED WITH EGTA LIGANDS
• MEMBRANES POLYMERES FONCTIONNALISEES PAR DES LIGANDS EGTA
- (71) IBC ADVANCED TECHNOLOGIES, INC. [US/US]; 856 East Utah Valley Drive, American Fork, UT 84003 (US). MYKROLIS CORPORATION [US/US]; One Patriots Park, Bedford, MA 01730-2271 (US).
- (72) BRUENING, **Ronald, L.**; 1059 North 3000 West, American Fork, UT 84003 (US). KRAKOWIAK, **Krzysztof, E.**; 1358 North 1850 West, Provo, UT 84604 (US). DILEO, **Anthony, J.**; 13 Vose Road, Westford, MA 01886 (US). JIANG, **Tongbo**; 59 Winterberry Way, Bedford, MA 01730 (US).
- (74) WESTERN, **M., Wayne et al.** / etc.; Thorpe, North & Western, L.L.P., 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).
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- (51)⁷ B01D
(11) WO 02/085482 (13) A2
(21) PCT/US02/12865
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 60/285,809 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF MAKING WALL-FLOW MONOLITH FILTER
• PROCEDE DE FABRICATION D'UN FILTRE MONOLITHIQUE A ECOULEMENT SUR LA PAROI
- (71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
- (72) VANCE, **Frederick, W.**; 5105 Swede Avenue, Midland, MI 48642 (US). WALLIN, **Sten, A.**; 1917 Plymouth Street, Midland, MI 48642 (US).
- (74) NILSEN, **Kevin, J.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D
(11) WO 02/085483 (13) A2
(21) PCT/US02/12995
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 09/840,757 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BEARING ASSEMBLY IN CIRCULAR CLARIFIERS AND THICKENERS AND METHOD FOR REPLACING SAME
• ENSEMBLE SUPPORT DE CLARIFICATEURS ET EPAISSISSEURS CIRCULAIRES ET PROCEDES DE REMPLACEMENT D'UN TEL ENSEMBLE
- (71) DBS MANUFACTURING, INC. [US/US]; 45 Southwoods Park, Atlanta, GA 303540050 (US).
- (72) YOUNG, **Richard, Nils**; 46 Brighton Road, Atlanta, GA 30309 (US).
- (74) DECARLO, **Kean, J. et al.** / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/30, 53/26, E03B 3/28
(11) WO 02/085484 (13) A1
(21) PCT/GB02/00671
(22) 18 Feb/fév 2002 (18.02.2002)
(25) en (26) en
(30) 0109814.4 23 Apr/avr 2001 GB (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SURFACE FOR PROMOTING DROPLET FORMATION
• SURFACE FAVORISANT LA FORMATION DE GOUTTELETTES
- (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) LAWRENCE, **Christopher, Robert** [GB/GB]; QinetiQ Farnborough, Cody Technology Park, A7 Bldg Rm 1146, Ively Road, Farnborough, Hants GU14 0LX (GB). PARKER, **Andrew, Richard** [GB/GB]; Royal Society URF, Fellow of Somerville College, Department of Zoology, University of Oxford, South Parks Roads, Oxford OX1 3PS (GB).
- (74) LOWTHER, **Deborah, J.**; 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).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ B01D 11/00
(11) WO 02/085485 (13) A1
(21) PCT/US02/12110
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 60/285,751 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ENHANCEMENT OF FLUID REPLACEMENT IN POROUS MEDIA THROUGH PRESSURE MODULATION

- REMPLACEMENT AMELIORE DES FLUIDES DANS DES MILIEUX PO-REUX PAR MODULATION DE PRES- SION
- (71) ASPEN AEROGELS, INC. [US/US]; 184 Cedar Hill Street, Marlborough, MA 01752 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KANG, P., Lee [US/US]; 100 Puritan Lane, Sudbury, MA 01776 (US).
- (74) NEUNER, George, W. et al. / etc.; DBRC, Intellectual Property Practice Group of Edwa, rds & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/00, B01J 20/10, 20/22
(11) WO 02/085486 (13) A1
(21) PCT/US02/12281
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/838,663 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PARTICULATE SOLID SUPPORTS FUNCTIONALIZED WITH EGTA LIG- ANDS
• SUPPORTS SOLIDES PARTICULAIRES FONCTIONNALISES PAR DES LI- GANDS EGTA
- (71) IBC ADVANCED TECHNOLOGIES, INC. [US/US]; 856 East Utah Valley Drive, American Fork, UT 84003 (US).
- (72) BRUENING, Ronald, L.; 1059 North 3000 West, American Fork, UT 84003 (US).
KRAKOWIAK, Krzysztof, E.; 1358 North 1850 West, Provo, UT 84604 (US).
- (74) WESTERN, M., Wayne et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 29/03, 29/64
(11) WO 02/085488 (13) A1
(21) PCT/GB02/01791
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 0109812.8 23 Apr/avr 2001 GB (23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SCREEN APPARATUS
• APPAREIL DE CRIBLAGE
- (71) CSO TECHNIK LTD. [GB/GB]; Eden House, Enterprise Way, Edenbridge, Kent TN8 6HF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FROUD, Colin [GB/GB]; Brasted Lodge, Brasted Lane, Knockholt, Kent TN14 7EW (GB).
- (74) CROUCH, David, John et al. / etc.; Brom- head & Co., 37 Great James Street, London WC1N 3HB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 29/41, 29/96
(11) WO 02/085489 (13) A1
(21) PCT/US02/12023
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 60/284,718 18 Apr/avr 2001 US (18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • HANDLES FOR LENTICULAR FILTER CARTRIDGE
• POIGNEE POUR CARTOUCHE FIL- TRANTE LENTICULAIRE
- (71) CUNO, INCORPORATED [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).
- (72) BLAZE, Martin; 47 Dunbar Lane, Hamden, CT 06514 (US).
- (74) NEWMAN, Richard, H.; Cummings & Lockwood, 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 29/48, E21B 43/08
(11) WO 02/085490 (13) A1
(21) PCT/GB02/01826
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,955 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SCREEN MATERIAL
• MATERIAU DE FILTRE
- (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) NORELL, Robert, G. [US/US]; 1950 Old Highway 8, Brighton, MN 55112 (US).

(74) **HARDING, Richard et al.** / etc.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/03, 35/01

(11) WO 02/085491 (13) A1

(21) PCT/US02/09782

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/836,974 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLOW DIVERTER AND EXHAUST BLOWER FOR A VIBRATING SCREEN SEPARATOR ASSEMBLY

• DISPOSITIF DE DEVIATION DE FLUX ET SOUFFLEUR D'EVACUATION POUR ENSEMBLE SEPARATEUR D'ECRAN A VIBRATION

(71) M-I L.L.C. [US/US]; 5950 North Course Drive, Houston, TX 77072 (US).

(72) **FOUT, Gary**; 14222 Meadow Estates, Cypress, TX 77429 (US). **SUTER, Roger**; 2818 Rimrock Drive, Missouri City, TX 77459 (US).

(74) **KICE, Warren, B. et al.** / etc.; Haynes and Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202-3789 (US).

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

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

(51)⁷ B01D 33/21, 33/46

(11) WO 02/085492 (13) A1

(21) PCT/US02/12369

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,858 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ROTATABLE DISC FILTERS WITH SHOWER SYSTEMS AND METHODS OF USE

• FILTRES A DISQUE ROTATIF DOTES DE SYSTEMES D'ARROSAGE ET PROCEDES D'UTILISATION

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, Houston, TX 77027 (US).

(72) **FLANAGAN, Peter, J.**; 2873 E. Belton Circle, Sandy, UT 84093 (US).

(74) **RIDDLE, Albert, J. et al.** / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 35/22, 29/05

(11) WO 02/085493 (13) A1

(21) PCT/EP02/04435

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 19 919.8 23 Apr/avr 2001 DE (23.04.2001)

(30) 102 17 966.2 22 Apr/avr 2002 DE (22.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FILTER DEVICE

• DISPOSITIF DE FILTRATION

(71) **N F T NANOFILTERTECHNIK GMBH** [DE/DE]; Friedrichstrasse 22, 80801 München (DE).

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

(72, 75) **HOFMANN, Wilfried** [DE/DE]; Pienzenauerstr. 18, 81679 München (DE).

(74) **VON BÜLOW, Tam**; Mailänder Strasse 13, 81545 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 35/30

(11) WO 02/085494 (13) A1

(21) PCT/KR02/00711

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ko (26) en

(30) 2001/11234(U.M) 19 Apr/avr 2001 KR (19.04.2001)

(30) 2001/27634(U.M) 10 Sep/sep 2001 KR (10.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WATER SOFTENER

• ADOUCISSEUR D'EAU

(71, 72) **LEE, Ki-Suk** [KR/KR]; 202-217 Jindallae Apt., 380 Byoung Bang Dong, Gyeong-gu, Incheon 407-320 (KR).

(74) **JOO, Won-Tae**; Gaya International Patent and Law Office, 2F, T.S.K Bldg, 834-20, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(11) WO 02/085495 (13) A1

(21) PCT/US02/10534

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/837,317 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR LOCATING AND RETRIEVING SMALL ARTICLES

• DISPOSITIF PERMETTANT DE LOCALISER ET DE RECUPERER DES ARTICLES DE PETITE DIMENSION

(71, 72) **DON KORFF, W. G.** [US/US]; 13774 Eldridge Avenue, Sylmar, CA 91342 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 53/04

(11) WO 02/085496 (13) A1

(21) PCT/JP02/02656

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-116836 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR SEPARATING GAS
• PROCEDE ET SYSTEME DE SEPARATION DE GAZ

(71) NIPPON SANSO CORPORATION [JP/JP]; 16-7, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAI, Masato [JP/JP]; c/o Nippon Sanso Corporation, 16-7, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP). NAKAMURA, Akihiro [JP/JP]; c/o Nippon Sanso Corporation, 16-7, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP). HIDANO, Tatsuya [JP/JP]; c/o Nippon Sanso Corporation, 16-7, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CN KR US.

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

(51)⁷ B01D 53/08, 53/50, 53/83

(11) WO 02/085497 (13) A1

(21) PCT/SE02/00373

(22) 4 Mar/mar 2002 (04.03.2002)

(25) sv (26) en

(30) 0100771-5 7 Mar/mar 2001 SE (07.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR REGENERATION OF A LIMESTONE BED FOR FLUE GAS CLEANING

• PROCEDE DE REGENERATION DE COUCHE CALCAIRE POUR L'EPURATION DES GAZ BRULES

(71) FAGERSTA INTERVEX AB [SE/SE]; Ångsgårdsgatan 10, S-721 30 Västerås (SE).

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

(72, 75) TIBERG, Lars [SE/SE]; Anders Lars väg 1., S-777 94 Söderbärke (SE).

(74) ÅSLUND, Roland; Avesta Patentbyrå, P.O. Box 99, S-775 01 Krylbo (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 LR LS LT 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 B01D 53/10, 53/70, 59/26

(11) WO 02/085498 (13) A1

(21) PCT/US02/09154

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/820,479 29 Mar/mar 2001 US (29.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF ADSORBING METALS AND ORGANIC COMPOUNDS FROM VAPOROUS STREAMS

• PROCEDE D'ABSORPTION DE METAUX ET DE COMPOSES ORGANIQUES A PARTIR DE FLUX DE VAPEUR

(63) US 09/820,479 (CON) 29 Mar/mar 2001 (29.03.2001)

(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) EL-SHOUBARY, Youssef [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MAES, Rudy [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 53/84

(11) WO 02/085499 (13) A1

(21) PCT/KR02/00673

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ko (26) en

(30) 2001/21406 20 Apr/avr 2001 KR (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIOFILTER SYSTEMEQUIPPED WITH INLET LOAD EQUALIZER FOR REMOVING VOLATILE ORGANIC COMPOUNDS

• ENSEMBLE BIOFILTRE EQUIPE D'UN EGALISEUR DE CHARGE D'ENTREE PERMETTANT L'ELIMINATION DE COMPOSES ORGANIQUES VOLATILS

(71) Q-BIO TECH CORPORATION [KR/KR]; SK Incubation Center, 14th, Yonsei Severance building, 84-11, Namdaemunro-5ga, Joong-ku, Seoul 100-753 (KR).

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

(72, 75) PARK, Yong-Seok [KR/KR]; 5-1206, Hanuri Apt., Whabong-dong, Buk-ku, Ulsan 683-300 (KR). HWANG, Yeal-Soon [KR/KR]; 3-601, Hanuri Apt., Whabong-dong, Buk-ku, Ulsan 683-300 (KR). KIM, Hyung-Charn [KR/KR]; 6-701, Hanuri Apt., Whabong-dong, Buk-ku, Ulsan 683-300 (KR). YI, Yong-Taek [KR/KR]; 102-410, Okdong-Hyundai Apt., Ok-dong, Nam-ku, Ulsan 680-080 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 67/00, 69/12

(11) WO 02/085500 (13) A1

(21) PCT/US02/11917

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/284,723 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PREPARING FREE POLYELECTROLYTE MEMBRANES

• PROCEDE DE FABRICATION DE MEMBRANES LIBRES EN POLYELECTROLYTE

(71) FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 106 Johnson Building, 2035 E. Paul Dirac Drive, Box 15, Tallahassee, FL 32310 (US).

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(72, 75) SCHLENOFF, Joseph, B. [US/US]; c/o Chemistry Department, Florida State University, Dittmer Building, Tallahassee, FL 32306 (US). DUBAS, Stephan, T. [FR/US]; c/o Chemistry Department, Florida State

- University, Dittmer Building, Tallahassee, FL 32306 (US).
- (74) RITCHEY, Steven, M. et al. / etc.; Senninger, Powers, Leavitt & Roedel, 1 Metropolitan Square, 16th Floor, St Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B01F 3/02
- (11) WO 02/085501 (13) A1
- (21) PCT/US02/10977
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) en (26) en
- (30) 60/285,027 19 Apr/avr 2001 US (19.04.2001)
- (30) ESW-0202 1 Apr/avr 2002 US (01.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND PROCESS FOR ENHANCED FEED ATOMIZATION
- APPAREIL ET PROCEDE POUR ATOMISATION D'ALIMENTATION AMELIOREE
- (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) ADAMSON, William, Russell [—/US]; 2510 Gates Circle #21, Baton Rouge, LA 70809 (US). SWAN, George, Alexander, III [—/US]; 18437 Wildlife Way Drive, Baton Rouge, LA 70817 (US). BEDELL, Michael, Walter [—/US]; 245 Meadow Bend Drive, Baton Rouge, LA 70820 (US).
- (74) PURWIN, Paul, E. et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 B01F 3/04
- (11) WO 02/085503 (13) A1
- (21) PCT/SK02/00004
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) de (26) de
- (30) PP 546-2001 20 Apr/avr 2001 SK (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM FOR VERTICALLY AERATING AND/OR MIXING LIQUIDS
- INSTALLATION PERMETTANT L'INTRODUCTION VERTICALE DE GAZ ET/OU LE MELANGE DE LIQUIDES
- (71, 72) PIJÁK, Michal [SK/SK]; Soblahovská 2017/12, 911 01 Trenčín (SK). PIJAK, Pavol [CZ/CZ]; Proutená 34/424, 149 00 Praha 4 (CZ).
- (74) LABUDÍK, Miroslav; Jesenskéého 1170-B/4, 024 04 Kysucké Nové Mesto (SK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 B01F 13/08
- (11) WO 02/085505 (13) A1
- (21) PCT/US02/11085
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (30) 09/841,468 24 Apr/avr 2001 US (24.04.2001)
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01F 3/04
- (11) WO 02/085504 (13) A1
- (21) PCT/US02/07911
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) en (26) en
- (30) PCT/US01/13436 24 Apr/avr 2001 US (24.04.2001)
- (30) 10/031,856 22 Oct/oct 2001 US (22.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND APPARATUS FOR MIXING FLUIDS
- PROCEDES ET APPAREILS DE MELANGE DE FLUIDES
- (71) FLUOR CORPORATION [US/US]; One Enterprise Drive, Aliso Viejo, CA 92656-2606 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JACOBS, Garry, E. [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US). STUPIN, Steven, W. [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US). MILLIKEN, Adam, S. [US/US]; Fluor Corporation, Engineering Building, One Fluor Daniel Drive, Aliso Viejo, CA 92656-2606 (US).
- (74) FISH, Robert, D.; Rutan & Tucker, LLP, 611 Anton Blvd., 14th Floor, PO Box 1950, Costa Mesa, CA 92626 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ B01F 3/04
- (11) WO 02/085502 (13) A1
- (21) PCT/FR02/01315
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) fr (26) fr
- (30) 01/05293 19 Apr/avr 2001 FR (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE FOR STIRRING AND AERATING A LIQUID IN A TREATMENT VESSEL
- DISPOSITIF POUR BRASSER ET AERER UN LIQUIDE DANS UNE CUVE DE TRAITEMENT
- (71) INNOVA ENVIRONNEMENT [FR/FR]; -, 193 rue de Charost, F-44150 ANCENIS (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOULANT, Alain [FR/FR]; -, Barrage du Vioreau, Route de la Braudière, F-44440 JOUE-SUR-ERDRE (FR).
- (74) CABINET JP COLAS; -, 37 avenue Franklin D. Roosevelt, F-75008 PARIS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR MIXING LIQUID SAMPLES IN A CONTAINER USING ROTATING MAGNETIC FIELDS

- PROCEDE ET APPAREIL DE MELANGE D'ECHANTILLONS LIQUIDES DANS UN CONTENEUR FAISANT INTERVENIR DES CHAMPS MAGNETIQUES ROTATIFS

(71) DADE MICROSCAN INC. [US/US]; 1584 Enterprise Boulevard, West Sacramento, CA 95691 (US).

(72) GEBRIAN, Peter, Louis; 1306 Biggs Road, Wilmington, DE 19805 (US).

(74) TYMESON, Cynthia, G. et al. / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B01F 15/02

(11) WO 02/085506 (13) A1

(21) PCT/US02/11193

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/841,267 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR CONTROLLABLY MIXING AND DELIVERING DILUTED SOLUTION

- APPAREIL POUR MELANGER ET DISTRIBUER DE MANIERE CONTROLEE UNE SOLUTION DILUEE

(71) COULTER INTERNATIONAL CORP. [US/US]; 11800 S.W. 147 Avenue, Mail Code 32-A02, Miami, FL 33196 (US).

(72) HUSHER, Frederick, K.; 16593 N.W. 9th Court, Pembroke Pines, FL 33028 (US).

(74) ALTER, Mitchell, E.; Coulter International Corp., Mail Code 32-A02, P.O. Box 169015, 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 B01F 17/00

(11) WO 02/085507 (13) A2

(21) PCT/GB02/01266

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 0109708.8 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPERSANTS

- DISPERSANTS

(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]; Avecia Limited, P.O. Box 42, Hexagon House, Blackley, Manchester M9 XZS (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(11) WO 02/085508 (13) A2

(21) PCT/US02/12777

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,411 25 Apr/avr 2001 US (25.04.2001)

(30) Not furnished / non communiqué 12 Apr/avr 2002 US (12.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR REGENERATING A SLURRY FISCHER-TROPSCH CATALYST

- PROCEDE DE REGENERATION D'UN CATALYSEUR FISCHER-TROPSCH A SUSPENSIONS

(71) SYNTROLEUM CORPORATION [US/US]; 1350 South Boulder, Suite 1100, Tulsa, OK 74119 (US).

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

(72, 75) HUANG, Jui-Hsin, R. [US/US]; 1350 South Boulder, Suite 1100, Tulsa, OK 74119 (US). AGEE, Kenneth, L. [US/US]; 1350 South Boulder, Suite 1100, Tulsa, OK 74119 (US). ARCURI, Kym, B. [US/US]; 1350 South Boulder, Suite 1100, Tulsa, OK 74119 (US). SCHUBERT, Paul, F. [US/US]; 1350 South Boulder, Suite 1100, Tulsa, OK 74119 (US).

(74) GRIGGS, Dennis, T.; 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).

(51)⁷ B01J 10/00

(11) WO 02/085509 (13) A1

(21) PCT/US02/12897

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,089 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLAT PLATE INTEGRATED REACTOR

- REACTEUR

(71) HYDROGEN BURNER TECHNOLOGY, INC. [US/US]; 3925 Vernon Street, Long Beach, CA 90815 (US).

(72) WOODS, Richard, R.; Irvine, CA (US). DURAISWAMY, Kandaswamy; Rancho Palos Verdes, CA (US). PICKLES, Jeffrey, S.; Huntington Beach, CA (US).

(74) ABRAHAMAS, Colin, P.; Law Office of Colin P. Abrahamas, 5850 Canoga Avenue, Suite 400, Woodland Hills, CA 91367 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 13/18, 13/20

(11) WO 02/085510 (13) A1

(21) PCT/EP02/04378

(22) 20 Apr/avr 2002 (20.04.2002)

(25) de (26) de

(30) 101 20 480.9 25 Apr/avr 2001 DE (25.04.2001)

(30) 101 34 491.0 25 Jun/juin 2001 DE (25.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICRO-CAPSULES COMPRISING A CAPSULE CORE CONTAINING WATER-SOLUBLE SUBSTANCES

- MICROCAPSULES DONT LE COEUR CONTIENT DES SUBSTANCES SOLUBLES DANS L'EAU

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) WULFF, Dirk [DE/DE]; Im Griesgarten 5, 67105 Schifferstadt (DE). JAHNS, Ekkehard [DE/DE]; Wintergasse 19/2, 69469 Weinheim (DE). RÖCKEL, Harald [DE/DE]; Schulstrasse 28, 67435 Neustadt (DE). SCHELMANN, Volker [DE/DE]; Ostring 12, 67105 Schifferstadt (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).

Published / Publiée : (c)

(51)⁷ B01J 19/24, F28F 3/08

(11) WO 02/085511 (13) A1

(21) PCT/FR02/01416

(22) 24 Apr/avr 2002 (24.04.2002)

(25) fr (26) fr

(30) 01/05578 25 Apr/avr 2001 FR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • IMPROVED DEVICE FOR EXCHANGE
AND/OR REACTION BETWEEN FLU-
IDS

• DISPOSITIF PERFECTIONNE
D'ÉCHANGE ET/OU DE REACTION
ENTRE FLUIDES

- (71) ALFA LAVAL VICARB [FR/FR]; Rue du
Rif Tronchard, F-38123 Fontanil Cornillon
(FR).

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

- (71) ELECTRICITE DE FRANCE - SERVICE
NATIONAL [FR/FR]; 2, rue Louis-Murat,
F-75008 Paris (FR).

(only for / seulement pour US)

- (72, 75) CHOPARD, Fabrice [FR/FR]; 10, allée
du Doulan, F-38400 Saint-Martin-D'Hères
(FR). BERTHOU, Marc [FR/FR]; 10bis, rue
Victor Hugo, F-77670 Saint Mammes (FR).
AUSSUDRE, Christian [FR/FR]; 10, rue
des Marronniers, F-77120 Avon (FR).

- (74) ERNEST GUTMANN-YVES PLESSER-
AUD S.A. et al. / etc.; 3, rue Chauveau-La-
garde, 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 B01J 20/30, B01D 53/04

(11) WO 02/085512 (13) A1

(21) PCT/FR02/01368

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05482 24 Apr/avr 2001 FR
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR MAKING A DE-
VICE CAPABLE OF MODIFYING
THE GASEOUS ATMOSPHERE PRE-
VAILING IN A SEALED OR CON-
TROLLED-PERMEABILITY CHAM-
BER

• PROCEDE DE FABRICATION D'UN
DISPOSITIF APTE A MODIFIER L'AT-
MOSPHERE GAZEUSE REGNANT
DANS UNE ENCEINTE HERMETIQUE
OU A PERMEABILITE CONTROLEE

- (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 Ferriere (FR).
LEGRAND, Marc, Henri [FR/FR]; 9, rue
Alphonse et Léonard Gille, F-14000 Caen
(FR).

- (74) CABINET HERRBURGER; 115, boule-
vard 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)

(51)⁷ B01J 29/00

(11) WO 02/085513 (13) A2

(21) PCT/EP02/02278

(22) 1 Mar/mar 2002 (01.03.2002)

(25) de (26) de

(30) 101 10 139.2 2 Mar/mar 2001 DE
(02.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SHAPED BODY AND METHOD FOR
PRODUCING THE SAME

• CORPS MOULE ET PROCEDE PER-
METTANT DE LE PRODUIRE

- (71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

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

- (72, 75) MÜLLER, Ulrich [DE/DE]; Am
Stecken 14a, 67435 Neustadt (DE). SENK,
Rainer [DE/DE]; Warschauer Weg 7, 67069
Ludwigshafen (DE). HARDER, Wolfgang
[DE/DE]; Bergwaldstrasse 16, 69469 Wein-
heim (DE). RUDOLF, Peter [DE/DE]; Raut-
enthalermühle 12, 68526 Ladenburg (DE).
RIEBER, Norbert [DE/DE]; Liebfrauen-
strasse 1c, 68259 Mannheim (DE).

- (74) ISENBRUCK, Günter Bardehle, Pagen-
berg, 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).

(51)⁷ B01J 29/00

(11) WO 02/085514 (13) A2

(21) PCT/US02/12809

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,463 20 Apr/avr 2001 US
(20.04.2001)

(30) 60/311,324 10 Aug/août 2001 US
(10.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SHIP-IN-A-BOTTLE CATALYSTS
• CATALYSEURS DE TYPE BATEAU
DANS UNE BOUTEILLE

- (71) UNIVERSITY OF SOUTHERN CALI-
FORNIA [US/US]; 3716 South Hope Street,
Suite 313, Los Angeles, CA 90007-4344
(US).

- (72) HAW, James F.; 802 W. Millard Canyon
Road, Altadena, CA 91001 (US). SONG,
Weiguo; 516 South Hidalgo Ave., Apt. C,
Alhambra, CA 91801 (US).

- (74) YADAV, Rajiv; Bingham McCutchen LLP,
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).

(51)⁷ B01J 31/18, 31/38, C08F 4/00

(11) WO 02/085515 (13) A1

(21) PCT/US02/06872

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/837,069 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • TRIS(PYRAZOYL) BASED ANIONS
• ANIONS A BASE DE TRIS(PYRA-
ZOYL)

- (71) EQUISTAR CHEMICALS, LP [US/US];
One Houston Center, 1221 McKinney Street,
Houston, TX 77010 (US).

- (72) **HLATKY, Gregory, G.**; 6197 Morrow-Rossburg Road, Morrow, OH 45152 (US).
- (74) **SCHUCHARDT, Jonathan, L. et al. / etc.**; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/22, C07B 53/00, C07C 41/03, 43/23, C07D 213/64 // C07M 7:00, C07B 61/00**
- (11) **WO 02/085516** (13) A1
- (21) PCT/JP02/03791
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) ja (26) ja
- (30) 2001-119307 **18 Apr/avr 2001** JP
(**18.04.2001**)
- (30) 2001-300868 **28 Sep/sep 2001** JP
(**28.09.2001**)
- (30) 2001-300869 **28 Sep/sep 2001** JP
(**28.09.2001**)
- (30) 2001-300870 **28 Sep/sep 2001** JP
(**28.09.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPLEX CATALYST, PROCESS FOR PRODUCING THE COMPLEX CATALYST, AND PROCESS FOR PRODUCING ALCOHOL DERIVATIVE WITH THE COMPLEX CATALYST
- CATALYSEUR COMPLEXE, SON PROCEDE DE PRODUCTION, ET PROCEDE DE PRODUCTION D'UN DERIVE D'ALCOOL FAISANT APPEL A CE CATALYSEUR COMPLEXE
- (71) **SUMITOMO CHEMICAL COMPANY, LIMITED [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) **SASAKI, Kazuaki [JP/JP]**; 13-32, Hoshimi-cho, Ibaraki-shi, Osaka 567-0843 (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).
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 37/08**
- (11) **WO 02/085517** (13) A1
- (21) PCT/EP02/04232
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 101 20 484.1 **25 Apr/avr 2001** DE
(**25.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS AND APPARATUS FOR THE THERMAL TREATMENT OF PULVERULENT SUBSTANCES
- PROCEDE ET APPAREIL DESTINES AU TRAITEMENT THERMIQUE DE SUBSTANCES PULVERULENTES
- (71) **DEGUSSA AG [DE/DE]**; Bennigsenplatz 1, 40474 Düsseldorf (DE).
- (72) **AUER, Emmanuel**; Rennbahnstrasse 50, 60528 Frankfurt (DE). **BIBERBACH, Peter**; In den Steinäckern 9, 63517 Rodenbach (DE). **GROSS, Michael**; Rossdorferstrasse 33, 60385 Frankfurt (DE). **GUTSCH, Andreas**; Kreuzpforte 36, 63691 Ranstadt (DE). **PRIDÖHL, Markus**; Torsbyvägen, 63538 Grosskrotzenburg (DE). **RUTH, Karsten**; Streuweg 3, 63755 Alzenau (DE). **STAAB, Edwin**; Kirchstrasse 4a, 63826 Geiselbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 **B01L**
- (11) **WO 02/085518** (13) A2
- (21) PCT/US02/10859
- (22) **4 Apr/avr 2002 (04.04.2002)**
- (25) en (26) en
- (30) 09/841,217 **24 Apr/avr 2001** US
(**24.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SURFACTANTS AND DISPERSANTS BY IN-LINE REACTION
- AGENTS TENSIO-ACTIFS ET AGENTS DISPERSANTS OBTENU PAR REACTION SUR CANALISATION
- (71) **THE LUBRIZOL CORPORATION [US/US]**; 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
- (72) **EPPS, Donald, E.**; 126 Princess, Houston, TX 77034 (US). **SEPELAK, Timothy, P.**; 37380 Sturbridge Lane, Willoughby, OH 44094 (US). **OXLEY, Steven, C.**; 3414 Knob Hill, Deer Park, TX 77536 (US). **MARTIN, Frederic, J.**; 123 West Summit Street, Chagrin Falls, OH 44022 (US).
- (74) **SHOLD, David M. et al. / etc.**; The Lubrizol Corporation, 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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).
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- (51)⁷ **B01L**
- (11) **WO 02/085519** (13) A2
- (21) PCT/US02/12174
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,146 **20 Apr/avr 2001** US
(**20.04.2001**)
- (30) 60/339,951 **10 Dec/déc 2001** US
(**10.12.2001**)
- (30) 60/339,949 **10 Dec/déc 2001** US
(**10.12.2001**)
- (30) 60/347,547 **11 Jan/jan 2002** US
(**11.01.2002**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HIGH CAPACITY METHODS FOR SEPARATION, PURIFICATION, CONCENTRATION, IMMOBILIZATION AND SYNTHESIS OF COMPOUNDS AND APPLICATIONS BASED THEREUPON
- PROCEDES HAUTEMENT EFFICACES DE SEPARATION, PURIFICATION, CONCENTRATION, IMMOBILISATION ET SYNTHÈSE DE COMPOSES ET APPLICATIONS BASEES SUR LES-DITS PROCEDES
- (63) US 60/285,146 (CIP)
20 Apr/avr 2001 (20.04.2001)
- US 60/339,951 (CIP)
10 Dec/déc 2001 (10.12.2001)
- US 60/339,949 (CIP)
10 Dec/déc 2001 (10.12.2001)
- US 60/347,547 (CIP)
11 Jan/jan 2002 (11.01.2002)
- (71) **EMEMBRANE, INC. [US/US]**; 4 CANAL PARK, PH3, Cambridge, MA 02141 (US).
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- (72, 75) **LEE, William [MY/US]**; 4 Canal Park, #PH3, Cambridge, MA 02141 (US). **SAITO, Kyoichi [JP/JP]**; 3-10-15, Minamisenzoku, Ota-ku, Tokyo 145-0063 (JP).
- (74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glosky, 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 B01L 3/00

(11) WO 02/085520 (13) A2

(21) PCT/EP02/04545

(22) 24 Apr/avr 2002 (24.04.2002)

(25) de (26) de

(30) 101 20 035.8 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR MANIPULATING SMALL AMOUNTS OF LIQUID ON SURFACES

• PROCEDE ET DISPOSITIF DE MANIPULATION DE PETITES QUANTITES DE LIQUIDE SUR DES SURFACES

(71) ADVALYTIX AG [DE/DE]; Eugen-Sänger-Strasse, Geb. 53.0, 85649 Brunnthal (DE).
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(72, 75) WIXFORTH, Achim [DE/DE]; Blütenburgstrasse 43, 80636 München (DE).

(74) LORENZ, SEIDLER, GOSSEL et al. / etc.; Widenmayerstrasse 23, 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 :

(u) for / pour US only / seulement

(51)⁷ B01L 3/00, 3/02, G01N 35/08, 1/10, 1/20

(11) WO 02/085521 (13) A1

(21) PCT/US02/12948

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,388 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REAGENT ADDITION SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ADDITION DE REACTIFS

(71) OYSTER BAY PUMP WORKS, INC. [US/US]; 78 Midland Avenue, Hicksville, New York 11802 (US).

(72) GAILLARD, Patrick; 2 Gateway Court, Bayville, New York 11709 (US). KURZYNA, Peter; 19 Fish Avenue, Albertson, New York 11507 (US). VUKICEVIC,

Drasko; 31 South Street, Oyster Bay, New York 11771 (US).

(74) HOFFMANN, Charles, R. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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

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

Published / Publiée : (c)

(51)⁷ B01L 3/00

(11) WO 02/085522 (13) A1

(21) PCT/US02/15034

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/841,145 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICROFLUIDIC DEVICE WITH PARTIALLY RESTRAINED ELEMENT

• DISPOSITIF MICROFLUIDIQUE COMPRENANT UN ELEMENT PARTIELLEMENT RETENU

(71) NANOSTREAM, INC. [US/US]; Gustafson, Vincent, K., 580 Sierra Madre Villa Avenue, Pasadena, CA 91107-2928 (US).

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(72, 75) KARP, Christoph, D. [US/US]; 335 S. Grand Oaks Ave., Pasadena, CA 91107 (US). PEZZUTO, Marci [US/US]; 491 Athens Street, Altadena, CA 91001 (US). MARESCH, Laird [US/US]; 160 S. El Molino Ave. #116, Pasadena, CA 91101 (US). O'CONNOR, Stephen, D. [US/US]; 1892 Galbreth Road, Pasadena, CA 91104 (US).

(74) EL-GAMAL, Yasser, M.; 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).

(51)⁷ B03B 9/06, B29B 17/02, B03B 5/28, 5/04

(11) WO 02/085523 (13) A1

(21) PCT/DK02/00257

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PA 2001 00633 20 Apr/avr 2001 DK (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD AND AN APPARATUS FOR SEPARATING WASTE MATERIAL
• PROCEDE ET DISPOSITIF DE SEPARATION D'UN DECHET

(71) WATECH A/S [DK/DK]; Priorparken 878, DK-2605 Brøndby (DK).

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(72, 75) RASMUSSEN, Erik [DK/DK]; Brogårdsvej 15, DK-2820 Gentofte (DK).

(74) NKT RESEARCH & INNOVATION A/S; Scion. DTU, Diplomvej, Bldg. 373, DK-2800 Kgs Lyngby (DK).

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

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

(51)⁷ B03C 3/16, B01D 50/00

(11) WO 02/085524 (13) A1

(21) PCT/CH02/00220

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 751/01 24 Apr/avr 2001 CH (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR PURIFYING OUTGOING AIR WHICH IS LOADED WITH CONTAMINANTS

• DISPOSITIF ET PROCEDE POUR EPURER DES REJETS GAZEUX CHARGES DE POLLUANTS

(71) KOENIG AG [CH/CH]; Schösslipark, CH-8587 Oberaach (CH).

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(72, 75) HUNDSDÖRFER, Markus, Hans, Ulrich [DE/DE]; Tägermoosstrasse 10, 78462 Konstanz (DE).

(74) CLERC, Natalia; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

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

- modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B04B 7/08, 1/00, 1/10
 (11) WO 02/085525 (13) A1
 (21) PCT/US02/13186
 (22) 25 Apr/avr 2002 (25.04.2002)
 (25) en (26) en
 (30) 60/286,745 25 Apr/avr 2001 US (25.04.2001)
 (30) 10/131,102 24 Apr/avr 2002 US (24.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • CENTRIFUGE
 • CENTRIFUGEUSE
 (71) PHASE INC. [US/US]; 65-1279 Kawaihae Road, Parker Square, Suite 213, Kamuela, HI 96743 (US).
 (72) KIRKER, Curtis; Post Office Box 6751, Kamuela, HI 96743 (US). FULLER, Berkeley, F.; Post Office Box 2379, Kamuela, HI 96743 (US).
 (74) FELGER, Thomas, R.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 B04B 9/12, 5/02
 (11) WO 02/085526 (13) A1
 (21) PCT/JP02/03928
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) ja (26) ja
 (30) 2001-122561 20 Apr/avr 2001 JP (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • CENTRIFUGAL MACHINE
 • MACHINE CENTRIFUGE
- (71) HITACHI KOKI CO., LTD. [JP/JP]; 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 (JP).
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- (72, 75) KONNO, Tatsuya [JP/JP]; c/o Hitachi Koki Co., Ltd., 1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 (JP). NIINAI, Yoshitaka [JP/JP]; c/o Hitachi Koki Co., Ltd., 1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 (JP). MIURA, Masahiro [JP/JP]; c/o Hitachi Koki Co., Ltd., 1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 (JP). KUSUMOTO, Shoji [JP/JP]; c/o Hitachi Koki Co., Ltd., 1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 (JP). SHIMIZU, Takahiro [JP/JP]; c/o Hitachi Koki Co., Ltd., 1060, Takeda, Hitachinaka-shi, Ibaraki 312-8502 (JP).
- (74) KITAZAWA, Kazuhiro et al. / etc.; 6F, Sigma Yushima Bldg., 37-4, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).
 (81) CN JP US.
 (84) EP (DE FR GB).
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- (51)⁷ B04C
 (11) WO 02/085527 (13) A2
 (21) PCT/EP02/04144
 (22) 11 Apr/avr 2002 (11.04.2002)
 (25) en (26) en
 (30) 60/285,359 20 Apr/avr 2001 US (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • CYCLONE SEPARATOR
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- (72, 75) CHEN, Ye-Mon [US/US]; 2215 Bent River Drive, Sugar Land, TX 77479 (US). DEWITZ, Thomas, Shawn [US/US]; 4613 Valerie Street, Bellaire, TX 77401 (US). DIRKSE, Hendricus, Arien [NL/NL]; Badhuisweg 3, NL-1031 Cm Amsterdam (NL). DRIES, Hubertus, Wilhelmus, Albertus [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). SANBORN, Richard, Addison [US/US]; 12418 Mossycup Drive, Houston, TX 77024 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/24
 (11) WO 02/085528 (13) A2
 (21) PCT/US02/13201
 (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
 (30) 60/286,103 24 Apr/avr 2001 US (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • APPARATUS AND PROCESS FOR THE TREATMENT, DELIVERY AND RECYCLE OF PROCESS FLUIDS USED IN DENSE PHASE CARBON DIOXIDE APPLICATIONS
 • APPAREIL ET PROCÉDE DE TRAITEMENT, DE DIFFUSION ET DE RECYCLAGE DE FLUIDES DE TRAITEMENT UTILISES DANS DES APPLICATIONS A BASE DE DIOXYDE DE CARBONE EN PHASE QUASI-LIQUIDE
 (71) DEFLEX LLC [US/US]; 25345 Avenue Stanford Unit 208, Valencia, CA 91355 (US).
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- (72, 75) JACKSON, David, P. [US/US]; 22328 W. Barcotta Drive, Saugus, CA 91350 (US).
 (74) CRAFT, Jeffrey, F. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/08
 (11) WO 02/085529 (13) A1
 (21) PCT/IL02/00320
 (22) 22 Apr/avr 2002 (22.04.2002)
 (25) en (26) en
 (30) 142732 22 Apr/avr 2001 IL (22.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SPRINKLERS
 • ARROSEURS
 (71) NAAN-DAN IRRIGATION SYSTEMS (C.S.) LTD. [IL/IL]; 76829 Naan (IL).
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- (72, 75) LERNER, Micael [IL/IL]; Tal-Shachar 61, 76805 (IL).
 (74) COLB, Sanford, T. & 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).

Published / Publiée : (c)

(51)⁷ B05B 5/00, 5/25, A61M 15/00

(11) WO 02/085530 (13) A1

(21) PCT/SE02/00815

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0101478-6 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLUID DISPENSING APPARATUS AND METHODS

• APPAREIL ET PROCÉDES D'ADMINISTRATION DE FLUIDE

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) LASTOW, Orest [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B05B 7/08, B01F 5/06

(11) WO 02/085531 (13) A1

(21) PCT/US02/11362

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/838,794 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPRAY NOZZLE FOR TWO-COMPONENT, AIR-ASSISTED, LOW PRESSURE SPRAY SYSTEMS

• BUSE DE PULVERISATION POUR SYSTEMES DE PULVERISATION BASSE PRESSION A JET PORTE A DEUX COMPOSANTS

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(72) HUNTER, Jack, H.; 444 Moon Clinton Road, Coraopolis, PA 15108 (US).

(74) ROY, Thomas, W. et al. / etc.; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/22, C23C 4/00, 24/04, B05B 15/04

(11) WO 02/085532 (13) A1

(21) PCT/US02/12693

(22) 20 Apr/avr 2002 (20.04.2002)

(25) en (26) en

(30) 60/286,256 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A APPARATUS AND PROCESS FOR SOLID-STATE DEPOSITION AND CONSOLIDATION OF HIGH VELOCITY POWDER PARTICLES USING THERMAL PLASTIC DEFORMATION

• SYSTEME ET PROCÉDE POUR LE DEPOT A L'ETAT SOLIDE ET LA CONSOLIDATION DE PARTICULES DE POUDRE A HAUTE VITESSE A L'AIDE D'UNE DEFORMATION PLASTIQUE THERMIQUE

(71) INNOVATIVE TECHNOLOGY, INC. [US/US]; 389 S. Los Carneros Road, Goleta, CA 93117 (US).

(72) GABEL, Howard; 2090 Cliff Dr., Santa Barbara, CA 93109 (US). TAPPORN, Ralph; 7376 Freeman Place, #B, Goleta, CA 93117 (US).

(74) LYON, Richard; Lyon & Harr, LLP, 300 Esplanade Drive, Suite 800, Oxnard, CA 93030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B05B 7/24

(11) WO 02/085533 (13) A1

(21) PCT/US02/13165

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0110025.4 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RESERVOIR WITH REFILL INLET FOR HAND-HELD SPRAY GUNS

• RESERVOIR MUNI D'UN ORIFICE DE REMPLISSAGE POUR PISTOLETS PULVERISATEURS TENUS A LA MAIN

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

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(72, 75) JOSEPH, Stephen, C. P. [GB/GB]; 33 Laurel Drive, Hartshill, Warwickshire CV10 0XP (GB). ADAMS, Mike, J., R. [GB/GB]; Kirtland Close 4, Austrey, Warwickshire CV9 3EZ (GB). BACCIOCCHI, Antonio [IT/IT]; Via Parini 5/B, I-21040 Gerenzano (IT). DOUGLAS, Malcolm, F. [GB/GB]; 142 Pennard Drive, Swansea, West Glamorgan SA4 9GD (GB). SILTBERG, Daniel, E. [US/US]; 5410 Portland Avenue, White Bear Township, MN 55110 (US).

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

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

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

(51)⁷ B05C 1/02, 1/08, 1/14, 9/04, 11/04

(11) WO 02/085534 (13) A1

(21) PCT/US02/04098

(22) 8 Feb/fév 2002 (08.02.2002)

(25) en (26) en

(30) 09/808,584 14 Mar/mar 2001 US (14.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COATING APPARATUS

• APPAREIL DE REVETEMENT

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

(72) JACOBSON, John R.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HAZARD, Russell P.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

- (74) **PATCHETT, David B.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B05C 1/08, 11/02**
- (11) **WO 02/085535** (13) A1
- (21) PCT/US02/03208
- (22) **4 Feb/fév 2002 (04.02.2002)**
- (25) en (26) en
- (30) 09/841,380 **24 Apr/avr 2001** US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTROSTATIC SPRAY COATING APPARATUS AND METHOD
- PROCEDE ET APPAREIL DE REVETEMENT PAR PULVERISATION ELECTROSTATIQUE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SEAVER, Albert E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LEONARD, William K.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SZYMANSKI, Brian, E.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **B05C 5/02, 11/10**
- (11) **WO 02/085536** (13) A1
- (21) PCT/EP02/03212
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) de (26) de
- (30) 101 19 633.4 **20 Apr/avr 2001** DE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE AND METHOD FOR DISPENSING A FLUID ONTO A SUBSTRATE MOVING RELATIVE TO THE DEVICE
- DISPOSITIF ET PROCEDE POUR LA DISTRIBUTION DE FLUIDE SUR UN SUBSTRAT MOBILE PAR RAPPORT AU DISPOSITIF
- (71) **NORDSON CORPORATION** [US/US]; 28601 Clemens Road, Westlake, OH 44145-1119 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEISSNER, Hans-Jürgen** [DE/DE]; Jüttkenmoor 7, 21339 Lüneburg (DE). **OSTERMANN, Gerd** [DE/DE]; Haacklinger Weg 63, 21335 Lüneburg (DE). **LEHMANN, Uwe** [DE/DE]; Nindorfer Moorweg 43, 21354 Bleckede (DE). **STECKELBERG, Jürgen** [DE/DE]; Bruchdorfer Strasse 8, 21354 Bleckede (DE).
- (74) **ANDRES, Mark**; 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).
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- (51)⁷ **B05D 1/00**
- (11) **WO 02/085537** (13) A2
- (21) PCT/US02/12132
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/285,088 **19 Apr/avr 2001** US (19.04.2001)
- (30) 60/285,022 **19 Apr/avr 2001** US (19.04.2001)
- (30) 60/285,014 **19 Apr/avr 2001** US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SPIN COATED MEDIA
- SUPPORT REVETU PAR CENTRIFUGATION
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **REITZ, John, B.**; 1 Wild Flower Way, Clifton Park, NY 12065 (US). **CHENG, Minquan**; 5505 Bent Fork, Evansville, IN 47712 (US). **DIETZ, Albert, G., III**; 5323 Stoneridge Drive, Mount Vernon, IN 47620 (US). **FEIST, Thomas, P.**; 11 Wintergreen Court, Clifton Park, NY 12065 (US). **GALLUCCI, Robert, R.**; 1109 Tanglewood Drive, Mount Vernon, IN 47620 (US). **GORCZYCA, Thomas, B.**; 3059 Williamsburg Drive, Schenectady, NY 12303 (US).
- (74) **CURBELO, Pamela et al.** / etc.; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/04, 1/28**
- (11) **WO 02/085538** (13) A2
- (21) PCT/US02/05434
- (22) **22 Feb/fév 2002 (22.02.2002)**
- (25) en (26) en
- (30) 09/841,381 **24 Apr/avr 2001** US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VARIABLE ELECTROSTATIC SPRAY COATING APPARATUS AND METHOD
- PROCEDE ET APPAREIL DE REVETEMENT PAR PULVERISATION ELECTROSTATIQUE VARIABLE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SEAVER, Albert, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LEONARD, William, K.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SZYMANSKI, Brian, E.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/36, 3/02**
- (11) **WO 02/085539** (13) A1
- (21) PCT/US02/10753
- (22) **5 Apr/avr 2002 (05.04.2002)**
- (25) en (26) en
- (30) 60/283,055 **11 Apr/avr 2001** US (11.04.2001)

- (30) 60/283,066 **11 Apr/avr 2001** US
(**11.04.2001**)
- (30) 60/283,677 **12 Apr/avr 2001** US
(**12.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PAPER ARTICLES EXHIBITING LONG TERM STORAGEABILITY
- ARTICLES DE PAPIER POSSEDANT DES PROPRIETES DE STOCKAGE A LONG TERME
- (71) INTERNATIONAL PAPER COMPANY [US/US]; 2 Manhattanville Road, Purchase, NY 10577-2196 (US).
- (72) KULKARNI, Sandeep; 6074 Wedwood Drive, Morrow, OH 45152 (US). LING, Yuan; 5897 Meadow Lark Court, Milford, OH 45150 (US). HOLBERT, Victor, P.; 1852 Pheasant Hills Drive, Loveland, OH 45140 (US). WILLIAMS, Rick; 31 Eisenhower Drive, Middletown, NY 10940 (US).
- (74) GRAHAM, Mark, S. et al. / etc.; Luedeka, Neely & Graham, PC, P.O. Box 1871, Knoxville, TN 37901 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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).
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- (51)⁷ B05D 1/36, C09D 161/20, 201/02, C08J 3/24
- (11) WO 02/085540 (13) A1
- (21) PCT/US02/12846
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/301,521 **23 Apr/avr 2001** US
(**23.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CURABLE COATING COMPOSITIONS HAVING IMPROVED COMPATIBILITY AND SCRATCH AND MAR RESISTANCE, CURED COATED SUBSTRATES MADE THEREWITH AND METHODS FOR OBTAINING THE SAME
- COMPOSITIONS D'ENROBAGE DURCISSABLES PRESENTANT UNE COMPATIBILITE AMELIOREE, ET UNE MEILLEURE RESISTANCE AUX ERAFLURES ET AUX MARQUES, SUBSTRATS ENROBES ET DURCIS FABRIQUES A PARTIR DE CES COMPOSITIONS ET PROCEDES PERMETTANT DE LES OBTENIR
- (71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
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- (72, 75) CAMPBELL, Donald [US/US]; 1211 Maxfield Lake Road, Hartland, MI 48353 (US). COOK, Vincent [US/DE]; Tulpenweg 21, 48165 Munster (DE). OERMANN, Bruce [US/US]; 36444, Suffolk, Clinton Township, MI 48035 (US). BEARYMAN, William [US/US]; 23630 Civic Center Drive, Apartment Number 151, Southfield, MI 48034 (US).
- (74) GOLOTA, Mary et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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
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- (51)⁷ B05D 3/02, B32B 15/00, C09D 1/02
- (11) WO 02/085541 (13) A2
- (21) PCT/US02/12389
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,191 **20 Apr/avr 2001** US
(**20.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SILICATE COATING COMPOSITIONS
- COMPOSITIONS DE REVETEMENT DE SILICATE
- (71, 72) SAVIN, Ronald, R. [US/US]; 11001 Muirfield Drive, Rancho Mirage, CA 92270 (US).
- (74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/10, B32B 27/04, 27/08, 27/30, 27/32, 27/34, 27/36, C08F 283/00, 283/02, 283/04, C08L 39/08, 67/03, 77/06
- (11) WO 02/085542 (13) A1
- (21) PCT/US02/11983
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 60/285,883 **23 Apr/avr 2001** US
(**23.04.2001**)
- (63) 60/340,078 **10 Dec/déc 2001** US
(**10.12.2001**)
- (63) 60/268,495 **29 Mar/mar 2002** US
(**29.03.2002**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANTIMICROBIAL POLYMERIC SURFACES
- SURFACES POLYMERIQUES ANTIMICROBIENNES
- (71) MASSACHUSETTS INSITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US). TRUSTEES OF TUFTS COLLEGE [US/US]; 136 Harrison Avenue, Boston, MA 02111 (US).
- (72) TILLER, Joerg, C.; 14 Bigelow Street, Cambridge, MA 02139 (US). LIAO, Chun-Jen; 10 Soden Street #32, Cambridge, MA 02139 (US). LEWIS, Kim; 49 Glendale Road, Newton, MA 02159 (US). KLIBANOV, Alexander, M.; 45 The Ledges Road, Newton, MA 02459 (US).
- (74) FOLEY HOAG LLP; 155 Seaport Boulevard, Boston, MA 02210-2698 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, B42D 15/00
- (11) WO 02/085543 (13) A1
- (21) PCT/US02/11543
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 09/833,218 **11 Apr/avr 2001** US
(**11.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMPROVED RAMAN-ACTIVE TAGGANTS AND THEIR RECOGNITION
- COMPOSITION DE MARQUAGE RAMAN ACTIVE ET SON IDENTIFICATION
- (71) QUANTAG SYSTEMS, INC. [US/US]; 4320 Northpark Drive, Suite B, Colorado Springs, CO 80907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHCHEGOLIKHIN, Alexander Nikitovich [RU/RU]; 113452 Azovskaia ul. 12-3, kv. 52, Moscow (RU). LAZAREVA, Olga Leonidovna [RU/RU]; 117334 Leninskiy Prospekt 37, kv 38, Moscow (RU). MEL'NILOV, Valery Pavlovich [RU/RU]; 117485 Profsoyuznaia ul. 94, kv. 124, Moscow (RU). OZERETSKI, Vassily Yurievich [RU/RU]; 123022 Mali Trekhgorniy per. 8-10, kv 39, Moscow (RU). SMALL, Lyle, David [US/US]; 11495 Salinas Road, Colorado Spring, Colorado (US).

(74) **LAW OFFICES OF DALE B. HALLING, LLC**; 24 South Weber Street, Suite 311, Colorado Springs, CO 80903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 B05D 5/00, B01D 29/00

(11) WO 02/085544 (13) A1

(21) PCT/US02/12377

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,664 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF ION BINDING LIGANDS ATTACHED TO SOLID SUPPORTS AND MEMBRANES FOR ION REMOVAL FROM A BIOLOGICAL SYSTEM

• UTILISATION DE LIGANDS DE FIXATION D'ION LIES A DES SUPPORTS SOLIDES ET MEMBRANES SERVANT A OTER DES IONS D'UN SYSTEME BIOLOGIQUE

(71) **IBC ADVANCED TECHNOLOGIES, INC.** [US/US]; 856 East Utah Valley Drive, American Fork, UT 84003 (US). **MYKROLIS CORPORATION** [US/US]; One Patriots Park, Bedford, MA 01730-2271 (US).

(72) **BRUENING, Ronald, L.**; 1059 North 3000 West, American Fork, UT 84003 (US). **KRAKOWIAK, Krzysztof, E.**; 1358 North 1850 West, Provo, UT 84604 (US). **DILEO, Anthony, J.**; 13 Voss Road, Westford, MA 01886 (US). **JIANG, Tongho**; 59 Winterberry Way, Bedford, MA 01730 (US).

(74) **WESTERN, M., Wayne et al. / etc.**; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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 B07B 1/42, 1/44

(11) WO 02/085545 (13) A1

(21) PCT/US02/09747

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/837,098 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VIBRATING SCREEN SEPARATOR
• TAMIS SEPARATEUR VIBRANT

(71) **M-I L.L.C.** [US/US]; 5950 North Course Drive, Houston, TX 77072 (US).

(72) **LOGAN, Grady**; 8508 N.W. 91, Oklahoma City, OK 73132 (US). **FOUT, Gary**; 14222 Meadow Estates, Cypress, TX 77429 (US). **SUTER, Roger**; 2818 Rimrock Drive, Missouri City, TX 77459 (US).

(74) **KICE, Warren, B. et al. / etc.**; Haynes and Boones, LLP, Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).

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

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

(51)⁷ B07B 1/49

(11) WO 02/085546 (13) A1

(21) PCT/US02/09642

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/837,131 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SCREEN TENSIONING DEVICE
• DISPOSITIF TENDEUR DE CRIBLE

(71) **M-I L.L.C.** [US/US]; 5950 North Course Drive, Houston, TX 77072 (US).

(72) **SUTER, Roger**; 2818 Rimrock Drive, Missouri City, TX 77459 (US). **FOUT, Gary**; 14222 Meadow Estates, Cypress, TX 77429 (US).

(74) **KICE, Warren, B. et al. / etc.**; Haynes and Boones, LLP, Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/342

(11) WO 02/085547 (13) A2

(21) PCT/EP02/04262

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 488.9 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LIGHTING DEVICE FOR A COLOR SORTING MACHINE

• DISPOSITIF D'ECLAIRAGE POUR UNE MACHINE DE TRI PAR COULEUR

(71) **ELEXSO VISION TECHNOLOGY GMBH** [DE/DE]; Barkhausenweg 1, 22339 Hamburg (DE).

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

(72, 75) **MALLANT, Jos, Peter** [NL/NL]; Oberer Landweg 93, 21035 Hamburg (DE). **HULTSCH, Gerhard** [DE/DE]; Flurstr. 50, 90592 Schwarzenbruck (DE).

(74) **HUBER, Arnulf et al. / etc.**; Uexküll & Stolberg, Beselerstr. 4, 22607 Hamburg (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).

Declaration / Déclaration :
(t) for all designations / pour toutes les
designations

(51)⁷ B21B 5/00

(11) WO 02/085548 (13) A1

(21) PCT/JP02/02742

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-117699 17 Apr/avr 2001 JP
(17.04.2001)

(30) 2001-117700 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION METHOD OF BELT
FOR STAINLESS STEEL CONTINU-
OUSLY VARIABLE TRANSMISSION
BELT

• PROCEDE DE PRODUCTION DE
COURROIE POUR COURROIE DE
TRANSMISSION EN ACIER INOXY-
DABLE VARIABLE DE FAÇON CONTI-
NUE

(71) NISSHIN STEEL CO., LTD. [JP/JP]; 4-1,
Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8366 (JP).

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

(72, 75) NISHIO, Katsuhide [JP/JP]; c/o Steel
& Technology Development, Laboratories,
Nisshin Steel Co., Ltd., 1, Tsuru-machi,
Amagasaki-shi, Hyogo 660-0092 (JP).
SAKAKI, Masahito [JP/JP]; c/o Steel &
Technology Development, Laboratories,
Nisshin Steel Co., Ltd., 1, Tsuru-machi,
Amagasaki-shi, Hyogo 660-0092 (JP).
UMAKOSHI, Yoshiyuki [JP/JP]; c/o Steel
& Technology Development, Laboratories,
Nisshin Steel Co., Ltd., 1, Tsuru-machi,
Amagasaki-shi, Hyogo 660-0092 (JP).
HARA, Kenji [JP/JP]; c/o Steel & Technology
Development, Laboratories, Nisshin Steel
Co., Ltd., 1, Tsuru-machi, Amagasaki-shi,
Hyogo 660-0092 (JP). TOMIMURA, Kouki
[JP/JP]; c/o Stainless Steel Business Div.,
Nisshin Steel Co., Ltd., 4976, Nomuram-
inami-machi, Shin-nanyo-shi, Yamaguchi
746-8666 (JP).

(74) OGURA, Wataru; 201, Ohno-Senkawa
Bldg., 23-7, Kanamecho 3-chome,
Toshima-ku, Tokyo 171-0043 (JP).

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

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

(51)⁷ B21D 7/022

(11) WO 02/085549 (13) A1

(21) PCT/FR02/01176

(22) 4 Apr/avr 2002 (04.04.2002)

(25) fr (26) fr

(30) 0105422 23 Apr/avr 2001 FR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADVANCED METAL-BAR COLD
BENDING MACHINE WHICH CAN
BEND THREE-DimensionALLY

• VOLUTEUSE PERFECTIONNEE A
FROID DE BARRE DE METAL POU-
VANT CINTRER EN RELIEF

(71) SUPER VULCAIN SARL [FR/FR]; ZI
D'Augean, Route de Beauvais, Alvéole N.1,
F-60240 Chaumont (FR).

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

(72, 75) POMMIER, Pierre [FR/FR]; 174, rue
du Maréchal Foch, F-95150 Taverny (FR).

LEGUERN, Christian [FR/FR]; 75, avenue
Delambre, F-77500 Chelles (FR).

(74) SUPER VULCAIN SARL; ZI D'Augean,
Route de Beauvais, Alvéole N.1, F-60240
Chaumont (FR).

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

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

(51)⁷ B21D 7/08, B60S 1/38

(11) WO 02/085550 (13) A1

(21) PCT/EP02/04024

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 20 050.1 24 Apr/avr 2001 DE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR THE
PRODUCTION OF CURVED SPRING
STRIP SECTIONS

• PROCEDE ET DISPOSITIF POUR PRO-
DUIRE DES SECTIONS DE BANDE
FLEXIBLE COURBES

(71) VALEO AUTO-ELECTRIC WIS-
CHER UND MOTOREN GMBH
[DE/DE]; Stuttgarter Strasse 119, 74321
Bietigheim-Bissingen (DE).

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

(72, 75) LENZEN, Oliver [DE/DE]; Im Burgstall
5, 74343 Sachsenheim (DE). PACHUR, Ger-
ald [DE/DE]; Besigheimer Strasse 22, 74394
Hessigheim (DE).

(74) JAHN, Wolf-Diethart; Valeo Auto-Electric
Wissher und Motoren GmbH, Stuttgarter
Strasse 119, 74321 Bietigheim-Bissingen
(DE).

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

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

(51)⁷ B21D 28/16, 41/04

(11) WO 02/085551 (13) A1

(21) PCT/JP02/03837

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-119054 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPINDLE MECHANISM

• MECANISME DE BROCHE

(71) SANGO CO., LTD. [JP/JP]; 3-1, Mutsuno
1-chome, Atsuta-ku, Nagoya-shi, Aichi 456-
0023 (JP).

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

(72, 75) SUZUKI, Yukinori [JP/JP]; c/o
Yawatayama Kojo, SANGO CO., LTD., 5-35,
Aza Yawatayama, Oaza Miyoshi, Miyoshi-
cho, Nishikamo-gun, Aichi 470-0224 (JP).
SAKURAGAWA, Kiyofumi [JP/JP]; c/o
Yawatayama Kojo, SANGO CO., LTD., 5-35,
Aza Yawatayama, Oaza Miyoshi, Miyoshi-
cho, Nishikamo-gun, Aichi 470-0224 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room
331, New Ohtemachi Bldg., 2-1, Ohtemachi
2-chome, Chiyoda-ku, Tokyo 100-0004 (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 B21D 41/04, 41/02, F16F 1/38, 15/08

(11) WO 02/085552 (13) A1

(21) PCT/JP01/03375

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF WORKING END PART
OF METALLIC TUBE BODY AND
METALLIC TUBE BODY, AND
METHOD OF MANUFACTURING
VIBRATIONPROOF BUSH USING THE
WORKING METHOD AND VIBRA-
TIONPROOF BUSH

• PROCEDE POUR USINER UNE PARTIE
D'EXTREMITE D'UN CORPS TUBU-
LAIRE METALLIQUE, CORPS TU-
BULAIRE METALLIQUE, PROCEDE
POUR PRODUIRE UNE DOUILLE RE-
SISTANTE AUX VIBRATIONS PAR
MISE EN OEUVRE DU PROCEDE
D'USINAGE ET DOUILLE RESIS-
TANTE AUX VIBRATIONS

(71) TOYO TIRE & RUBBER CO., LTD.
[JP/JP]; 17-18, Edobori 1-chome, Nishi-ku,
Osaka-shi, Osaka 550-0002 (JP).

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

(72, 75) **TAKAHASHI, Hiroaki** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). **SUZUKI, Tadayuki** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (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) JP US.

(84) EP (DE FR GB).

(51)⁷ B21D 51/38

(11) WO 02/085553 (13) A1

(21) PCT/KR02/00725

(22) 20 Apr/avr 2002 (20.04.2002)

(25) ko (26) en

(30) 2001/21330 20 Apr/avr 2001 KR (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF MANUFACTURING AN ALUMINUM DESIGN TAB END USING AN INK JET PRINTING FOR A BEVERAGE CAN

• PROCEDE DE REALISATION PAR IMPRIMANTE A JET D'ENCRE D'UNE LANGUETTE IMPRIMEE EN ALUMINIUM POUR BOITE BOISSON

(71) **C-SOLUTION INC.** [KR/KR]; 1108 Ima Bldg., 146-1, Susong-dong, Jongro-gu, Seoul 110-755 (KR).

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

(72, 75) **CHUNG, Hyung-Dong** [KR/KR]; 1-1801 Jamwon Family Apt., 51 Jamwon-dong, Seocho-gu, Seoul 137-030 (KR).

(74) **PARK, Young, Sun**; Park & Partners, Tongyoung Building, 9th Floor, 1318-2 Seocho-4-dong, Seocho-gu, Seoul 137-074 (KR).

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

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

(51)⁷ B21D 53/84, F01L 1/18

(11) WO 02/085554 (13) A1

(21) PCT/JP01/03348

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METAL PLATE ROCKER ARM AND METHOD OF MANUFACTURING THE METAL PLATE ROCKER ARM

• BRAS BASCULANT A PLAQUE METALLIQUE ET SON PROCEDE DE FABRICATION

(71) **NSK LTD.** [JP/JP]; 6-3, Osaki 1-chome, Sinagawa-ku, Tokyo 141-8560 (JP). **TOHO INDUSTRIAL CO., LTD.** [JP/JP]; 526, Shimo-Umezawa, Namerikawa-shi, Toyama 936-0857 (JP).

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

(72, 75) **KADOKAWA, Satoshi** [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, Fujisawa-shi, Kanagawa 251-0021 (JP). **TAKEO, Noriyuki** [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, Fujisawa-shi, Kanagawa 251-0021 (JP). **SAITO, Yoshihiro** [JP/JP]; c/o TOHO INDUSTRIAL CO., LTD., 526, Shimo-Umezawa, Namerikawa-shi, Toyama 936-0857 (JP). **SHIMADA, Shinobu** [JP/JP]; c/o TOHO INDUSTRIAL CO., LTD., 526, Shimo-Umezawa, Namerikawa-shi, Toyama 936-0857 (JP).

(74) **KAMODA, Asao**; Rainbow Building, 8th Floor, 2-15-17, Nishi-Shimbashi, Minato-ku, Tokyo 105-0003 (JP).

(81) AU BR CA CN KR US.

(84) EP (DE ES FR GB IT).

(51)⁷ B22D

(11) WO 02/085555 (13) A2

(21) PCT/EP02/04357

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 354.8 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR CONTINUOUSLY CASTING METAL

• PROCEDE ET DISPOSITIF DE COULEE CONTINUE DE METAL

(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) **PLESCHIUTSCHNIGG, Fritz-Peter** [DE/DE]; Reiserweg 69, 47269 Duisburg (DE). **WOSCH, Erwin** [DE/DE]; Michaelstrasse 2, 52222 Stolberg (DE). **LETZEL, Dirk** [DE/DE]; Plättchesheide 5, 40878 Ratingen (DE). **RAHMFELD, Werner** [DE/DE]; Stockweg 32, 45481 Mühlheim a.d. Ruhr (DE). **PARSCHAT, Lothar** [DE/DE]; An der Dellen 2a, 40885 Ratingen (DE). **SCHWELLENBACH, Joachim** [DE/DE]; Hüttenstrasse 106, 40215 Düsseldorf (DE).

(74) **VALENTIN, Ekkehard**; Valentini, Gihske, Grosse, Hammerstrasse 4, 57072 Siegen (DE).

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

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

FI FR GB GR IE IT LU 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) WO 02/085556 (13) A2

(21) PCT/US01/47864

(22) 11 Dec/déc 2001 (11.12.2001)

(25) en (26) en

(30) 60/284,952 19 Apr/avr 2001 US (19.04.2001)

(30) 09/957,846 21 Sep/sep 2001 US (21.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTINUOUS PRESSURE MOLTEN METAL SUPPLY SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ALIMENTATION EN METAL EN FUSION SOUS PRESSION CONTINUE

(63) US 09/957,846 (CON) 21 Sep/sep 2001 (21.09.2001)

(71) **ALCOA INC.** [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

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

(72, 75) **SAMPLE, Vivek, M.** [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). **REIGHARD, Scott, F.** [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). **PAOLA, Vincent, A.** [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). **CHABAL, Ronald, G.** [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US).

(74) **HANDELMAN, Joseph, H.** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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) WO 02/085557 (13) A2

(21) PCT/US02/12362

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,952 19 Apr/avr 2001 US (19.04.2001)

(30) 09/957,846 21 Sep/sep 2001 US (21.09.2001)

(30) 10/014,649 11 Dec/déc 2001 US (11.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTINUOUS PRESSURE MOLTEN METAL SUPPLY SYSTEM AND METHOD FOR FORMING CONTINUOUS METAL ARTICLES

• SYSTEME D'ALIMENTATION EN METAL LIQUIDE PAR PRESSION CONTINUE, ET PROCEDE DE FORMATION D'ARTICLES METALLIQUES CONTINUS

(63) US 10/014,649 (CON)
11 Dec/déc 2001 (11.12.2001)

(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

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

(72, 75) SAMPLE, Vivek, M. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). REIGHARD, Scott, E. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). PAOLA, Vincent, A. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). CHABAL, Ronald, G. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/06

(11) WO 02/085558 (13) A1

(21) PCT/IB02/01269

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) UD2001A000075 19 Apr/avr 2001 IT (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE TO DISCHARGE LIQUID STEEL FROM A CONTAINER TO A CRYSTALLIZER WITH ROLLERS

• DISPOSITIF DE DECHARGE D'ACIER BRUT LIQUIDE D'UN CONTENANT VERS UN CRISTALLISATEUR A ROULEAUX

(71) DANIELI & C. OFFICINE MECCANICHE SPA [IT/IT]; Via Nazionale, I-33042 Buttrio (IT).

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(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).

Published / Publiée : (c)

(51)⁷ B22D 11/12, B21B 1/46

(11) WO 02/085559 (13) A1

(21) PCT/EP02/03147

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 19 550.8 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF CONTINUOUS CASTING INPUT STOCK

• PROCEDE ET DISPOSITIF POUR PRODUIRE UNE MATIERE DE BASE DE COULEE CONTINUE

(71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

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(72, 75) STREUBEL, Hans [DE/DE]; Schlüterstrasse 30, 40699 Erkrath (DE). LEMKE, Jürgen [DE/DE]; Lüdwigscluster Strasse 47, 19294 Malliß (DE). SCHUSTER, Ingo [DE/DE]; Bonnenring 83, 47877 Willich (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).

(51)⁷ B22D 17/20, B21C 33/02, 23/00

(11) WO 02/085560 (13) A1

(21) PCT/US01/42261

(22) 21 Sep/sep 2001 (21.09.2001)

(25) en (26) en

(30) 60/284,952 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INJECTOR FOR MOLTEN METAL SUPPLY SYSTEM

• INJECTEUR POUR SYSTEME D'ALIMENTATION EN METAL EN FUSION

(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

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(72, 75) SAMPLE, Vivek, M. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). REIGHARD, Scott, E. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). PAOLA, Vincent, A. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). CHABAL, Ronald, G. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (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 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 B23B 27/14, C22C 29/08

(11) WO 02/085561 (13) A2

(21) PCT/DE02/01460

(22) 20 Apr/avr 2002 (20.04.2002)

(25) de (26) de

(30) 101 20 172.9 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION OF COMPONENT PARTS BY METAL INJECTION MOULDING (MIM)

• FABRICATION DE PIECES PAR MOULAGE PAR INJECTION DE POUDRE METALLIQUE (MIM)

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

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(72, 75) NELLES, Heinz [DE/DE]; Krausstr. 6, 52459 Inden (DE). BADER, Volker [DE/DE]; Mittelstr. 13, 41836 Hückelhoven (DE). BUCHKREMER, Hans-Peter [DE/DE]; Im Mühlenkamp 31, 52525 Heinsberg (DE). AHMAD-KHANLOU, Ariane, Marjam [DE/GR]; Avlidos 2, GR-15127 Melissa (GR). BRAM, Martin [DE/DE]; Meyburginsel 31, 52428 Jülich (DE). STÖVER, Detlev [DE/DE]; Taubenforst 9, 52328 Niederzier (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Wilhelm-Johnen-Strasse, 52425 Jülich (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 27/22, B23P 15/28

(11) WO 02/085562 (13) A1

(21) PCT/US02/08445

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/840,536 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTIPLE GROOVE CHIP CONTROL FOR CUTTING INSERT

• PLAQUETTE DE COUPE A PLUSIEURS GORGES POUR CONTROLER LA FORMATION DES COPEAUX

(71) KENNAMETAL INC. [US/US]; P. O. BOX 231, 1600 TECHNOLOGY WAY, LATROBE, PA 15650-0231 (US).

(72) KASPERIK, James, R.; 511 Brinker Avenue, Latrobe, PA 15650 (US).

(74) MEENAN, Larry, R. et al. / etc.; KENNAMETAL INC., P. O. BOX 231, 1600 TECHNOLOGY WAY, LATROBE, PA 15650-0231 (US).

(81) AU BR CA CN IL IN JP KR MX PL 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 B23D

(11) WO 02/085563 (13) A2

(21) PCT/DE02/00584

(22) 19 Feb/fév 2002 (19.02.2002)

(25) de (26) de

(30) 101 20 046.3 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CUTTING INSERT FOR MACHINING METAL ALLOY WORKPIECES THAT ARE DIFFICULT TO MACHINE AND A METHOD FOR THE PRODUCTION THEREOF

• PLAQUETTE DE COUPE DESTINEE A L'USINAGE DE PIECES EN ALLIAGE METALLIQUE DIFFICILES A USINER PAR ENLEVEMENT DE COPEAUX ET SON PROCEDE DE PRODUCTION

(71) WIDIA GMBH [DE/DE]; Münchener Strasse 90, 45145 Essen (DE).

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(72, 75) KÖNIG, Udo [DE/DE]; Helgolandring 31, 45149 Essen (DE). TABERSKY, Ralf [DE/DE]; In den Weywiesen 54, 46240 Bottrop (DE).

(74) VOMBERG, Friedhelm; Schulstrasse 8, 42653 Solingen (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 B23D 63/14, 63/12

(11) WO 02/085564 (13) A1

(21) PCT/DE02/01297

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 084.0 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SAW BLADE SHARPENING MACHINE
• AFFUTEUSE DE LAMES DE SCIE

(71) WALTER AG [DE/DE]; Derendinger Strasse 53, 72072 Tübingen (DE).

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

(72, 75) TURNAU, Andree [DE/DE]; Horberweg 26, 72184 Eutingen (DE). WAGNER, Roland [DE/DE]; Hinterburgstr. 26, 72393 Burladingen (DE). WIMBLE, Gary [US/US]; 1201 Lakeview, HC 73 Box 703, Locust Grove, VA 22508 (US).

(74) RÜGER, BARTHELT & ABEL; Webergasse 3, 73728 Esslingen (DE).

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

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

(11) WO 02/085565 (13) A2

(21) PCT/EP02/04416

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 20 744.1 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD USED IN GAS-SHIELDED METAL-ARC WELDING

• PROCEDE DE SOUDAGE A L'ARC DE METAL SOUS GAZ PROTECTEUR

(71) TECHNISCHE UNIVERSITÄT BERLIN [DE/DE]; Strasse des 17. Juni 135, 10623 Berlin (DE).

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(72, 75) GOECKE, Sven-Frithjof [DE/DE]; Immensestrasse 11, 14471 Potsdam (DE). HÜBNER, Marc [DE/DE]; Heinersdorfer Strasse 18, 14979 Grossbeeren (DE).

(74) GULDE, KLAUS, W. et al. / etc.; Anwaltskanzlei Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 BERLIN (DE).

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

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

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

(51)⁷ B23K 9/10, H04B 5/00

(11) WO 02/085566 (13) A1

(21) PCT/US02/11018

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/841,314 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD TO FACILITATE WIRELESS COMMUNICATION IN A WELDING ENVIRONMENT

• SYSTEME ET PROCEDE POUR FACILITER LA COMMUNICATION SANS FIL DANS UN ENVIRONNEMENT DE SOUDAGE

(71) LINCOLN GLOBAL, INC. [US/US]; 1200 Monterey Pass Road, Monterey Park, CA 44024 (US).

(72) CLARK, Keith; 9901 Juiper Court, Concord, OH 44060 (US). BLANKENSHIP, George Daryl; 12221 Bradford Drive, Chardon, OH 44024 (US). HSU, Christopher; 8510 Mansion Boulevard, Mentor, OH 44060 (US). MATTHEWS, Thomas; 12370 Valley Vista, Chesterland, OH 44026 (US). ZUCKER, James; 595 East Twinsburg Road, Northfield Center, OH 44067 (US).

(74) AMIN, Himanshu S. et al. / etc.; Amin & Turocy, LLP, 1900 E. 9th Street, 24th Floor, National City Center, Cleveland, OH 44114 (US).

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

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

(51)⁷ B23P 19/00, 21/00, B65G 1/00, 1/137, G01B 21/02, 21/08, G06F 17/60

(11) WO 02/085567 (13) A1

(21) PCT/JP02/02247

(22) 11 Mar/mar 2002 (11.03.2002)

(25) ja (26) ja

(30) 2001-122208 20 Apr/avr 2001 JP (20.04.2001)

(30) 2001-167296 1 Jun/juin 2001 JP (01.06.2001)

(30) 2001-167297 1 Jun/juin 2001 JP (01.06.2001)

(30) 2001-194668 27 Jun/juin 2001 JP (27.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RING MANAGEMENT SYSTEM

• SYSTEME DE TRAITEMENT D'ANNEAUX

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
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(72, 75) TAKADA, Kazutoshi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). MUKUMOTO, Takaji [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). SATO, Hideshi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). TAKENAKA, Osamu [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). SUGIZONO, Tetsuo [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). INAKI, Katsumune [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). TAHIRA, Hiroki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). SAITO, Koji [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP). NAKAJIMA, Katsuyuki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama 350-1331 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, 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 B23P 19/06, B25B 23/14, 23/147, 23/00

(11) WO 02/085568 (13) A1

(21) PCT/EP02/04183

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 201 06 853.2 20 Apr/avr 2001 DE (20.04.2001)

(30) 201 13 184.6 8 Aug/août 2001 DE (08.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POWER SCREWDRIVER
• TOURNEVIS PNEUMATIQUE

(71, 72) WAGNER, Paul-Heinz [DE/DE]; Haus Nr. 70, 53804 Much-Birrenbachshöhe (DE). SITTING, Ulf [DE/DE]; Kellerswiese 2, 53721 Siegburg-Kaldauen (DE).

(74) VON KIRSCHBAUM, Alexander et al. / etc.; Bahnhofsvorplatz 1 (Deichmannhaus), 50667 Köln (DE).

(81) BR CN IN 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).

Published / Publiée : (c)

(51)⁷ B23Q 3/00, 3/18

(11) WO 02/085569 (13) A1

(21) PCT/JP02/03470

(22) 5 Apr/avr 2002 (05.04.2002)

(25) ja (26) ja

(30) 2001-121066 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PALLET POSITIONING AND FIXING DEVICE
• DISPOSITIF DE POSITIONNEMENT ET DE FIXATION DE PALETTE

(71) PASCAL KABUSHIKI KAISHA [JP/JP]; 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).
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(72, 75) KURODA, Takayuki [JP/JP]; c/o PASCAL KABUSHIKI KAISHA, 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).

(74) OKAMURA, Toshio; OKAMURA TOKKYO JIMUSHO, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) US.

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

(51)⁷ B24B 37/04, B24D 13/14

(11) WO 02/085570 (13) A2

(21) PCT/US02/11009

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/286,107 24 Apr/avr 2001 US (24.04.2001)

(30) 60/326,263 1 Oct/oct 2001 US (01.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL POLISHING
• ARTICLE DE POLISSAGE ELECTRO-CONDUCTEUR POUR POLISSAGE ELECTRO-CHIMIO-MÉCANIQUE

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) CHEN, Liang-Yuh; 1400 Melbourne Street, Foster City, CA 94404 (US). WANG, Yuchun; 4498 Jan Way, San Jose, CA 95124 (US). WANG, Yan; 920 Rockefeller Drive 11B, Sunnyvale, CA 94087 (US). DUBOUST, Alain; 668 Bryan Avenue, Sunnyvale, CA 94086 (US). CARL, Daniel, A.; 2161 Pomezia Court, Pleasanton, CA 94566 (US). WADENSWEILER, Ralph; 1640

Kalispell Court, Sunnyvale, CA 94087 (US). BIRANG, Manoocher; 18836 Favre Ridge Road, Los Gatos, CA 95033 (US). BUTTERFIELD, Paul, D.; 1684 Kevin Drive, San Jose, CA 95124 (US). MAVLIEV, Rashid; 444 Saratoga Ave., #169, Santa Clara, CA 95050 (US). TSAI, Stan, D.; 5444 Dekker Terrace, Fremont, CA 94555 (US).

(74) TACKETT, Keith, M. et al. / etc.; Moser, Patterson & Sheridan LLP, 3040 Post Oak Blvd, Suite 1500, Houston, TX 77056 (US).

(81) CN JP KR SG.

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

(51)⁷ B24B 49/00, 1/00, 29/00, 5/00, 19/00, 41/06

(11) WO 02/085571 (13) A1

(21) PCT/US02/12328

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,508 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR SEQUENTIALLY POLISHING AND LOADING/UNLOADING SEMICONDUCTOR WAFERS

• APPAREIL ET PROCÉDE PERMETTANT DE POLIR ET DE CHARGER/DECHARGER DE MANIÈRE SEQUENTIELLE DES PLAQUETTES SEMI-CONDUCTRICES

(71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US).

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

(72, 75) JEONG, In-Kwon [KR/US]; 957 Greenwich Ave., Sunnyvale, CA 94087-1134 (US).

(74) RUDICH, Rebecca, Goldman et al. / etc.; Long Aldridge & Norman LLP, Suite 600, 701 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).

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

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

Published / Publiée : (c)

(51)⁷ B24C 5/04

(11) WO 02/085572 (13) A1

(21) PCT/US02/12384

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/844,113 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ABRASIVEJET CUTTING HEAD

• TETE DE COUPE A JET ABRASIF

(71, 72) CHISUM, Dennis [US/US]; 1299 "A" Street, S.E., Ephrata, WA 98823 (US).

(72) FREEBORN, Perry; 6503 Longlake Drive, Nine Mile Falls, WA 99026 (US).

(74) SELDON, Robert, A.; Birch, Stewart, Kolasch & Birch, LLP, 10940 Wilshire Boulevard, Eighteenth Floor, Los Angeles, CA 90024-3945 (US).

(81) AE AG AL AM AT AU AZ BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY BZ CA CH CN (Utility model / modèle d'utilité) 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 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 KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX (Utility model / modèle d'utilité) MZ NO NZ OM PH PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SL TJ TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG 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 (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B24C 7/00, 1/04

(11) WO 02/085573 (13) A1

(21) PCT/SG02/00065

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 200102219-3 21 Apr/avr 2001 SG (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ABRASIVE FLUID JET SYSTEM

• SYSTEME A JET DE FLUIDE ABRASIF

(71) JETSIS INTERNATIONAL PTE LTD [SG/SG]; 17 Hwa Yew Industrial Building, Mandai Estate, #06-1B, Singapore 729934 (SG).

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

(72, 75) GADD, Michael, William [GB/SG]; Blk 171, Bukit Batok West Avenue 8, #20-355, Singapore 650171 (SG).

(74) DREW & NAPIER LLC; 20 Raffles Place, #17-00, Ocean Towers, Singapore 048620 (SG).

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

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

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

(51)⁷ B25B 11/00, B41F 27/02, B44B 3/00, 3/06, B44C 1/14, B23P 13/00

(11) WO 02/085574 (13) A1

(21) PCT/AU02/00496

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR4515 20 Apr/avr 2001 AU (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MAGNETIC HOLDING DEVICE

• DISPOSITIF DE RETENUE MAGNETIQUE

(71) FAWCETT, Alan, John [AU/AU]; Lot 137, Cairns Road, Glenorie, NSW 2157 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WRIGHT, Glen, Lawrence [AU/AU]; 3 Calabash Road, Arcadia, NSW 2159 (AU).

(74) SPRUSON & FERGUSON; G.P. Box 3898, Sydney, NSW 2001 (AU).

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

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

(51)⁷ B25B 11/00, B23P 19/00, F16B 5/00, B23K 37/04

(11) WO 02/085575 (13) A2

(21) PCT/EP02/04306

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 20 393.4 25 Apr/avr 2001 DE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR POSITIONING TWO PLATES

• DISPOSITIF DE POSITIONNEMENT DE DEUX PLAQUES

(71, 72) NIEDERMAYER, Hans [DE/DE]; Pappelweg 44, 71706 Markgröningen (DE).
MALLINOWSKI, Ivan [DE/DE]; Heerweg 20, 52525 Heinsberg (DE).

(74) FRIZ, Oliver; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 103762, 70032 Stuttgart (DE).

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

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

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

(51)⁷ B25B 13/16, 13/10

(11) WO 02/085576 (13) A1

(21) PCT/SE02/00322

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 0101448-9 25 Apr/avr 2001 SE (25.04.2001)

(30) 0101625-2 10 May/mai 2001 SE (10.05.2001)

(30) 0102011-4 7 Jun/juin 2001 SE (07.06.2001)

(30) 0102040-3 11 Jun/juin 2001 SE (11.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADJUSTABLE WRENCH/SOCKET WITH SIMULTANEOUSLY MOVABLE JAWS

• CLE/DOUILLE REGLABLE A MACHOIRES SIMULTANEMENT MOBILES

(71, 72) MAREK, Yochai [IL/SE]; Norrskogsvägen 12, S-141 41 Huddinge (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 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 B25D 17/00

(11) WO 02/085577 (13) A1

(21) PCT/US02/11479

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/840,539 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPACT TOOL WITH DETACHABLE DRIVE END

• OUTIL DE CHOC A TETE D'ENTRAI-NEMENT AMOVIBLE

(71) SNAP-ON TECHNOLOGIES, INC. [US/US]; 420 Barclay Boulevard, Lindolnshire, IL 60069 (US).

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

(72, 75) PUSATERI, Daniel, S. [US/US]; 353 Fairfax Lane, Grayslake, IL 60030 (US).

(74) STOTLAND, Harold, V.; Seyfarth, Shaw, Suite 4200, 55 East Monroe Street, Chicago, IL 60603 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B25F 1/00

(11) WO 02/085578 (13) A1

(21) PCT/CH01/00251

(22) 19 Apr/avr 2001 (19.04.2001)

(25) de (26) de

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UNIVERSAL TOOL FOR MACHINING, CLAMPING, MAINTAINING AND REMOVING PARTS HAVING DIFFERENT SHAPES AND MADE OF DIFFERENT MATERIALS

• OUTIL UNIVERSEL SERVANT A USINER, SAISIR, MAINTENIR ET ENLEVER DES PIECES DE DIFFERENTES FORMES ET DE DIFFERENTES MATIERES

(71) LACREX S.A. [CH/CH]; Via Eco 53, CH-6644 Orselina (CH).

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

(71, 72) PASBRIG, Max [CH/CH]; Lacrex S.A., Via Eco 53, CH-6644 Orselina (CH).

(81) AE AU BR CA CN IN JP RU US ZA.

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B25G 1/08

(11) WO 02/085579 (13) A1

(21) PCT/CA02/00585

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,458 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC BIT CHANGING SCREWDRIVER

• TOURNEVIS A CHANGEMENT D'EMBOU AUTOMATIQUE

(71, 72) WANNOP, George [CA/CA]; Futureworks Concepts Limited, #101 - 331 Lake

Avenue, Kelowna, British Columbia V1Y 5W8 (CA).

(74) EDWARDS, Antony; Thiessen Petrarolo Langford & Edwards, Suite 800-1708 Dolphin Avenue, Kelowna, British Columbia V1Y 9S4 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/10, 17/02

(11) WO 02/085580 (13) A1

(21) PCT/EP02/04251

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) MI2001A000830 19 Apr/avr 2001 IT (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MODULAR AND RECONFIGURABLE PARALLEL KINEMATIC ROBOT

• ROBOT CINEMATIQUE PARALLELE MODULAIRE ET RECONFIGURABLE

(71) CONSIGLIO NAZIONALE DELLE RICERCHE [IT/IT]; Piazzale Aldo Moro, 7, I-00185 Roma (IT).

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

(72, 75) NEGRI, Simone, Pio [—/IT]; Corso Repubblica, 110, I-21019 Somma Lombardo (IT).

(74) MITTLER, Enrico; MITTLER & C. s.r.l., Viale Lombardia, 20, I-20131 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)

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B25J 9/16

(11) WO 02/085581 (13) A2

(21) PCT/US02/12462

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,894 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A HYBRID ROBOT MOTION TASK LEVEL CONTROL SYSTEM

• SYSTEME HYBRIDE DE REGLAGE DU NIVEAU DES TACHES DE MOUVEMENT D'UN ROBOT

(71) BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY [US/US]; 450 Administration Building, East Lansing, MI 48824-1046 (US).

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

(72, 75) XI, Ning [US/US]; 4132 Breakwater Drive, Okemos, MI 48864 (US). TAN, Jindong [US/US]; 15278 F. Spartan Village, Apt.K, East Lansing, MI 48823 (US).

(74) FALCOFF, Monte, L. 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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 B26D 1/09, 3/30

(11) WO 02/085582 (13) A1

(21) PCT/ES02/00201

(22) 25 Apr/avr 2002 (25.04.2002)

(25) es (26) es

(30) P 200100965 25 Apr/avr 2001 ES (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DUAL-FUNCTION CITRUS FRUIT CHOPPER

• ACCESSOIRE POUR COUPER LES AGRUMES A DOUBLE FONCTION

(71, 72) MARTINEZ SIMON, Emilio [ES/ES]; Simón Abril 19, 1ªA, 02002 ALBACETE (ES).

(74) ESTEBAN PEREZ-SERRANO, Mª, 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).

(51)⁷ B26D 7/20

(11) WO 02/085583 (13) A1

(21) PCT/US02/12266

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,325 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • LOCK-UP SYSTEM FOR CUTTING MAT
• SYSTEME DE BLOCAGE POUR MATERIAU DE COUPE

(71) DAY INTERNATIONAL, INC. [US/US]; 130 West Second Street, Dayton, OH 45402 (US).

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

(72, 75) SHELTON, Jerry [US/US]; 23 Kirstein Road, Fairview, NC 28730 (US). BRYSON, Ronnie, E. [US/US]; 144 Mint Road, Sylva, NC 28779 (US).

(74) LEES, Thomas, E. et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre - Suite 500, One South Main Street, Dayton, Ohio 45402-2023 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 B26F 1/02, B42D 1/04

(11) WO 02/085584 (13) A1

(21) PCT/SE02/00708

(22) 18 Apr/avr 2002 (18.04.2002)

(25) sv (26) en

(30) 0101474-5 24 Apr/avr 2001 SE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • A METHOD OF MANUFACTURING SHEETS BEING ABLE TO TEAR OFF
• PROCÉDÉ POUR FABRIQUER DES FEUILLES APTES À ÊTRE DÉCHIRÉES

(71) PANORAMA PRESS AB [SE/SE]; Garvar Lundins gränd 9, S-112 20 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSEN, Christian [DK/SE]; Kocktorpsvägen 61 B, S-132 43 Saltsjö-Boo (SE). HANSEN, Fredrik [DK/SE]; Sockenvägen 36 C, S-132 42 Saltsjö-Boo (SE).

(74) GROTH & CO KB; Box 6107, S-102 32 Stockholm (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B27B 1/00

(11) WO 02/085585 (13) A1

(21) PCT/FI02/00354

(22) 25 Apr/avr 2002 (25.04.2002)

(25) fi (26) en

(30) 20010865 25 Apr/avr 2001 FI (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SAWING METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE SCIAGE

(71) MAIRTEK KY [FI/FI]; Lukkarintie 11, FIN-16300 ORIMATTILA (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERTTILÄ, Asko [FI/FI]; Lukkarintie 11, FIN-16300 ORIMATTILA (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 B27B 1/00

(11) WO 02/085586 (13) A1

(21) PCT/NZ02/00069

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 511243 20 Apr/avr 2001 NZ (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD OF CUTTING LOGS FROM A STEM
• PROCEDE DE DECOUPE DE BILLES DANS UN TRONC

(71) LOGMAKER INTERNATIONAL LIMITED [NZ/NZ]; 1-5 Kowana Street, Northcote, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALDEN, Eric, James [NZ/NZ]; 34 William Pickering Drive, Albany, Auckland (NZ). ALLEN, Philip, Brent [NZ/NZ]; 34 William Pickering Drive, Albany, Auckland (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, 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 B27B 1/00

(11) WO 02/085587 (13) A1

(21) PCT/SE02/00680

(22) 4 Apr/avr 2002 (04.04.2002)

(25) sv (26) en

(30) 0101226-9 10 Apr/avr 2001 SE (10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PROCESS FOR MAKING EDGE GLUED PANELS AND LAMINATED BEAMS FROM WANNEY EDGE LUMBER
• PROCEDE DE FABRICATION DE PANNEAUX ASSEMBLES PAR COLLAGE A LA RIVE ET DE POUTRES LAMELLEES A PARTIR DE BOIS NON DELIGNE

(71, 72) LINDQUIST, Nils-Olof [SE/SE]; Ormbärsvägen 20, S-904 35 Umeå (SE).

(74) **JOHANSSON, Lars**; Aktrisgränd 31, SE-903 64 Umeå (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) **B27B 21/00**

(11) **WO 02/085588** (13) A1

(21) PCT/US02/11271

(22) **10 Apr/avr 2002 (10.04.2002)**

(25) en (26) en

(30) 09/839,195 **19 Apr/avr 2001** US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TWO-POSITION QUICK-CHANGE SAW

• SCIE A DEUX POSITIONS A CHANGE-MENT RAPIDE

(71, 72) **ERISOTY, Gregory, J.** [US/US]; 6 Riverton Road, Riverton, CT 06065 (US). **MACQUEEN, Raymond, J., Jr.** [US/US]; 52 Lynette Court, New Hartford, CT 06057 (US).

(74) **DORMAN, Ira, S.**; Law Office of Ira S. Dorman, Suite 200, 330 Roberts Street, East Hartford, CT 06108 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/34, C09D 7/12, C08K 3/10, 5/00**

(11) **WO 02/085589** (13) A1

(21) PCT/EP02/02208

(22) **1 Mar/mar 2002 (01.03.2002)**

(25) de (26) de

(30) 101 10 160.0 **2 Mar/mar 2001** DE (02.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADDITIVES FOR USE IN A WATER-SOLUBLE POLYMER DISPERSION FOR TREATING WOOD OR WOOD PRODUCTS

• ADDITIF CONÇU POUR ETRE UTILISE DANS UNE DISPERSION POLYMERE AQUEUSE DESTINEE A

TRAITER LE BOIS ET LES PRODUITS EN BOIS

(71) **BK GIULINI CHEMIE GMBH UND CO OHG** [DE/DE]; Giuliani Strasse 2, 67065 Ludwigshafen (DE). **GOLDSCHMIDT AG** [DE/DE]; Goldschmidtstrasse 100, 45127 Essen (DE).

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(72, 75) **STAFFEL, Thomas** [DE/DE]; Saarlandstrasse 3, 67269 Grünstadt (DE). **SCHMITT, Michael** [DE/DE]; Schwetzingen Strasse 87, 69124 Heidelberg (DE). **HEILEN, Wernfried** [DE/DE]; Fürst-Bentheim Strasse 50, 46519 Alpen (DE). **HOSCHKE, Markus** [DE/DE]; Kesselbruchweg 20, 45478 Mülheim (DE).

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

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

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 **B28B 7/34, 21/86, H01J 9/24, 61/30**

(11) **WO 02/085590** (13) A1

(21) PCT/JP02/03521

(22) **9 Apr/avr 2002 (09.04.2002)**

(25) ja (26) ja

(30) 2001-117669 **17 Apr/avr 2001** JP (17.04.2001)

(30) 2001-139564 **10 May/mai 2001** JP (10.05.2001)

(30) 2001-325918 **24 Oct/oct 2001** JP (24.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF MANUFACTURING MOLDED BODY, SLURRY FOR MOLDING, CORE FOR MOLDING, METHOD OF MANUFACTURING CORE FOR MOLDING, HOLLOW CERAMIC MOLDED BODY, AND LIGHT EMITTING CONTAINER

• PROCEDE DE FABRICATION D'UN CORPS MOULE, PATE DE MOULAGE, NOYAU DE MOULAGE, PROCEDE DE FABRICATION DE CE NOYAU DE MOULAGE, CORPS CREUX MOULE EN CERAMIQUE, ET RECIPIENT LUMINESCENT

(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) **MIYAZAWA, Sugio** [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **HAYASHI, Shinzo** [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **DOI, Masaru** [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) **OBA, Sakio et al.** / etc.; Prospec Patent Firm, 2nd Floor, Nagoya-KS Building, 1-18, Taiko 3-chome, Nakamura-ku, Nagoya-shi, Aichi 453-0801 (JP).

(81) CN CZ 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 : (a)

(51)⁷ **B28D 1/04**

(11) **WO 02/085591** (13) A1

(21) PCT/SE02/00768

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 0101439-8 **23 Apr/avr 2001** SE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOOL UNIT, CUTTING OR SAWING MACHINE AND METHOD FOR CUTTING OR SAWING

• OUTIL, MACHINE A DECOUPER OU A SCIER ET PROCEDE DE DECOUPAGE OU DE SCIAGE

(71) **GLOBE-INVENT AKTIEBOLAG** [SE/SE]; P.O. Box 5086, S-472 93 Svanesund (SE).

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

(72, 75) **JOHANSSON, Mats** [SE/SE]; P.O. Box 5086, S-472 93 Svanesund (SE).

(74) **HYNELL, Magnus et al.** / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

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

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

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

(51)⁷ B28D 1/26

(11) WO 02/085592 (13) A1

(21) PCT/RU02/00182

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ru (26) ru

(30) 2001111092 25 Apr/avr 2001 RU (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PRODUCING TILE FOR FACING BUILDING STRUCTURES AND DEVICE FOR DIVIDING PIECES MADE OF BRITTLE MATERIAL

- PROCEDE DE FABRICATION DE CARREAUX DESTINES AU REVETEMENT DES FAÇADES D'IMMEUBLES ET PROCEDE DE SEPARATION D'EBAUCHES EN MATIERE FRAGILE

(71, 72) EFREMOV, Mikhail Nikolaevich [RU/RU]; ul. Maryinskaya, 9-105, Elektrougly, Moskovskaya obl., 142455 (RU).

(72) KORSAKOV, Aleksandr Pavlovich; ul. Pionerskaya, 23-110, Zheleznodorzhny, Moskovskaya obl., 143987 (RU). GOV-ORKOV, Jury Nikolaevich; pl. Oktyabrya, 5-28, Elektrougly, Moskovskaya obl., 142455 (RU). LYUBAVIN, Vladimir Nikolaevich; ul. Komsomolskaya, 7-46, Elektrougly, Moskovskaya obl., 142455 (RU).

(74) KUDRYASHOVA, Olga Leonidovna; kvartal, 32-A-3-60, Novye Cheremushki, Moscow, 117209 (RU).

(81) DE ES.

(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 B29B 7/74, B05B 7/04, 7/06, 7/00, 15/06, 12/14, B05D 1/02

(11) WO 02/085593 (13) A1

(21) PCT/US02/11366

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/838,792 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPRAY NOZZLE FOR A TWO-COMPONENT AIR-ASSISTED, LOW PRESSURE SPRAY SYSTEM

- BUSE DE PULVERISATION POUR SYSTEME DE PULVERISATION BASSE PRESSION A COMMANDE PNEUMATIQUE A DEUX CONSTITUANTS

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(72) HUNTER, Jack, H.; 444 Moon Clinton Road, Coraopolis, PA 15108-3824 (US).

(74) ROY, Thomas, W. et al. / etc.; Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

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

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

(11) WO 02/085594 (13) A2

(21) PCT/GB02/01938

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109956.3 23 Apr/avr 2001 GB (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARTICLES OF UNITARY MOULDED-PLASTICS SHEET CONSTRUCTION

- ARTICLES DE STRUCTURE EN FEUILLES PLASTIQUES MOULEES UNITAIRES

(71) N-FOLD LIMITED [GB/GB]; Unit 17 Torwood Close, Mercia Business Village, Westwood Business Park, Coventry CV4 8HX (GB).

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

(72, 75) KUESTER, Stephen, Michael [GB/GB]; 1 Rosebank Cottages, Bloxham, Banbury, Oxfordshire OX15 4NA (GB).

(74) COLES, Graham, Frederick; Graham Coles & Co, 24 Seeleys Road, Beaconsfield, Buckinghamshire HP9 1SZ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/42, B29D 30/72, B60C 13/00

(11) WO 02/085595 (13) A1

(21) PCT/EP02/03613

(22) 2 Apr/avr 2002 (02.04.2002)

(25) fr (26) fr

(30) 01/05338 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR APPLYING A COLOURED MOTIF TO A TYRE
• PROCEDE ET MOULE POUR DEPOSER UN MOTIF DE COULEUR SUR UN PNEUMATIQUE

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand Cedex 09 (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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

(72, 75) PIALOT, Frédéric [FR/FR]; 4, impasse des Bouleaux, F-63200 Mozac (FR).

(74) DIERNAZ, Christian; M. F. P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 35/02, B29D 30/06

(11) WO 02/085596 (13) A1

(21) PCT/US02/12327

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,754 18 Apr/avr 2001 US (18.04.2001)

(30) 10/123,999 17 Apr/avr 2002 US (17.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXTENDABLE CURING PRESS CENTER POST

- COLONNE CENTRALE DE PRESSE DE MOULAGE EXTENSIBLE

(71) PIRELLI TIRE LLC [US/US]; 300 George Street, New Haven, CT 06511 (US).

(72) YU, Wei; 375 East Braddock Drive, Fresno, CA 93720 (US).

(74) WHITMYER, Wesley, W., Jr. et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 41/14, C08L 83/04, C09D 183/04

(11) WO 02/085597 (13) A1

(21) PCT/FR02/01375

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05461 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MAKING ADHERENT OR NON-ADHERENT COATINGS IN SILICONE ELASTOMER BY DIP COATING

• PROCEDE DE FABRICATION DE REVETEMENTS ADHERENTS OU NON EN ELASTOMERE SILICONE PAR TREMPAGE

(71) RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).

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

(72, 75) BERTRY, Jean-Louis [FR/FR]; 113, rue de Montagny, F-69008 Lyon (FR). MULLER, Ghislaine [FR/FR]; La Picote, F-42320 Cellieu (FR).

(74) CABINET PLASSERAUD et al. / etc.; 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 44/14

(11) WO 02/085598 (13) A1

(21) PCT/IT02/00250

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) AN2001A000019 23 Apr/avr 2001 IT (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOULDING PROCESS FOR FOAMED POLYURETHANE SOLES

• PROCEDE DE MOULAGE POUR SEMELLES EN MOUSSE DE POLYURETHANNE

(71) RPM SUD S.P.A. [IT/IT]; Zona Industriale Villa Zaccheo, I-64020 Castellalto (IT).

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

(72, 75) RUGGERI, Giampietro [IT/IT]; Via Cristoforo Colombo, 30, I-62012 Civitanova Marche (IT).

(74) BALDI, Claudio; Piazza Ghislieri, 3, I-60035 Jesi (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 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 B29C 45/50, 45/40

(11) WO 02/085599 (13) A1

(21) PCT/EP02/04230

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) A 632/01 19 Apr/avr 2001 AT (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INJECTION MOULDING MACHINE COMPRISING AN ELECTROMOTIVE SPINDLE DRIVE AND A SPRING WORKING MEMORY FOR SUPPORTING THE ELECTRIC MOTOR

• MACHINE A MOULER PAR INJECTION A COMMANDE ELECTROMOTRICE A BROCHE, ET MEMOIRE DE TRAVAIL ELASTIQUE ASSISTANT LE MOTEUR ELECTRIQUE

(71) DEMAG ERGOTECH GMBH [DE/DE]; Aldorfer Strasse 15, 90571 Schwaig (DE). L & T-DEMAG PLASTICS MACHINERY PRIVATE LIMITED [IN/IN]; Mount-Poonamallee Road, Manapakkam, Post Bag No. 986, Chennai-600 089 (IN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ICKINGER, Georg, Michael [AT/AT]; Weg zum Reinerkogel 37, A-8010 Graz (AT). HARISH, Kittappa, Gowda [IN/IN]; Chennai, Mt. Poonamallee Road (IN). SAJU, Mangalasseril [IN/IN]; Chennai 20, 5, Plot 17, Teachers Colony (IN). SIVAKUMAR, Shanmuaham [IN/IN]; Chennai 44, 4A TL Raghupathi Str. (IN). KUMAR, Mathrubootam [IN/IN]; Chennai 20, 1 Cross Street (IN). VIVEK, Anand, Sukumaran [IN/IN]; Chennai 73, 19, Purananure Street (IN).

(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 B29C 45/50

(11) WO 02/085600 (13) A1

(21) PCT/EP02/04231

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) A 632/01 19 Apr/avr 2001 AT (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLASTIFYING UNIT COMPRISING AN ELECTROMOTIVE SPINDLE DRIVE FOR AN INJECTION MOULDING MACHINE

• UNITE DE PLASTIFICATION PRESENTANT UNE COMMANDE A BROCHE ELECTROMOTRICE POUR MACHINE A MOULER PAR INJECTION

(71) DEMAG ERGOTECH GMBH [DE/DE]; Aldorfer Str. 15, 90571 Schwaig (DE).

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

(72, 75) ICKINGER, Georg, Michael [AT/AT]; Weg zum Reinerkogel 37, A-8010 Graz (AT).

(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 B29C 45/56, 45/00, 43/18

(11) WO 02/085601 (13) A1

(21) PCT/GB02/01787

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109880.5 23 Apr/avr 2001 GB (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITE INJECTION MOULDING AND PROCESS FOR MANUFACTURING THE SAME

• MOULAGE PAR INJECTION COMPOSITE ET PROCEDE DE FABRICATION ASSOCIE

(71, 72) NIELSEN, Carl-Eric [DK/DK]; DKI Plast a.s, Post Box 30, Erhvervsparken 7, DK-4621 Gadstrup (DK). PRICE, Christopher, Barry [GB/GB]; Security Composites Ltd, The Glade, Redhill, Hook-a-gate, Shrewsbury, Shropshire (GB). HASWELL, Geoffrey [GB/GB]; 12 The Crescent, Burrsville, Great Clacton, Clacton, Essex (GB). JOYCE, John [IR/IR]; Caher, Ogonnelloe, Scariff, County Clare (IR).

(74) STAGG, Diana, Christine et al. / etc.; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 49/04

(11) WO 02/085602 (13) A1

(21) PCT/US02/12448

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,196 20 Apr/avr 2001 US (20.04.2001)

(30) 60/313,960 20 Aug/août 2001 US (20.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXTRUSION MOLDING PROCESS

- PROCEDE DE MOULAGE PAR EXTRUSION

(71) ISPA, INC. [US/US]; 101 Convention Center Drive, Suite 700, Las Vegas, NV 89109 (US).

(72) WEILAND, Richard, A.; 603 Playground Drive, Crestline, CA 92325-6144 (US). JIM, Sing-Lit; 220 N. Valencia Street, Alhambra, CA 91784 (US). WANG, Roger; 2018 Redding Way, Upland, CA 91784 (US).

(74) RYAN, Jay, P.; Arter & Hadden LLP, 1100 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115-1475 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 55/00, D01D 5/10

(11) WO 02/085603 (13) A1

(21) PCT/US02/12076

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,185 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR FORMING SOFT, DRAPEABLE NONWOVEN FABRIC

- PROCEDE DE FABRICATION DE TISSU NON TISSE POUVANT ETRE DRAPE ET SOUPLE

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) KYRA, Dorsey; 11307 Astoria Drive, Charlotte, NC 28262 (US). KEITH, Wilbourn; 317 Leahy Court, Matthews, NC 28104 (US). KUO-SHU, Edward, Chang; 8114 Anzack Lane, Charlotte, NC 28079 (US). JOHN,

Charles, Norton; 1018 Briarmore Drive, Indian Trail, NC 28079 (US). VALERIA, Griep, Erdos; Prudente de Moraes, 219, Porto Alegre, RS 91330 (US).

(74) STEPHEN, D., Geimer; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 59/00, B29B 13/02, B29C 53/06

(11) WO 02/085604 (13) A1

(21) PCT/EP02/02341

(22) 4 Mar/mar 2002 (04.03.2002)

(25) de (26) de

(30) 101 19 673.3 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR SLOTTING OR FOLDING HOMOGENEOUS, MULTILAYER PLASTIC MATERIALS OR PLASTIC MATERIALS THAT ARE REINFORCED BY CROSSPIECES ON PROCESSING PLOTTERS

- PROCEDE ET DISPOSITIF PERMETTANT DE RAINURER OU DE STRIER DES MATIERES PLASTIQUES A PLUSIEURS COUCHES OU RENFORCEES A L'AIDE D'ENTRETOISES SUR DES TRACEURS DE TRAITEMENT

(71) ARISTO GRAPHIC SYSTEME GMBH & CO. KG [DE/DE]; Schnackenburgallee 117, 2255 Hamburg (DE).

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

(72, 75) RIEPE, Claus-Wilhelm [DE/DE]; Gottopstr. 5b, 22605 Hamburg (DE). SCHRODT, Hans-Joachim [DE/DE]; Schenefelder-Landstr. 239, 22589 Hamburg (DE).

(74) AHME, Johannes et al. / etc.; Uexküll & Stolberg, Beselerstr. 4, 22607 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 B29C 59/02, C08G 73/10, C08L 79/08, H01B 3/30, G11B 5/82

(11) WO 02/085605 (13) A1

(21) PCT/US02/12313

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,323 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR EMBOSSING AND EMBOSSED ARTICLES FORMED THEREBY

- PROCEDES DE GAUFRAGE ET ARTICLES GAUFRES AINSI FABRIQUES

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) REITZ, John, B.; 1 Wild Flower Way, Clifton Park, NY 12065 (US). GORCZYCA, Thomas, B.; 3059 Williamsburg Drive, Schenectady, NY 12303 (US). CELLA, James, A.; 30 Lace Lane, Clifton Park, NY 12065 (US).

(74) SNYDER, Bernard; 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 B29C 65/00

(11) WO 02/085606 (13) A2

(21) PCT/DE02/01466

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 201 06 919.9 20 Apr/avr 2001 DE (20.04.2001)

(30) 101 44 039.1 7 Sep/sep 2001 DE (07.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONNECTING ELEMENT FOR PIPES AND METHOD FOR WELDING A CONNECTING ELEMENT ONTO THE END OF A PIPE

- ELEMENT DE RACCORDEMENT DESTINE A DES TUYAUX ET PROCEDE DE SOUDAGE D'UN ELEMENT DE RACCORDEMENT A UNE EXTREMITÉ DE TUYAU

(71) AVIT HOCHDRUCK-ROHRTECHNIK GMBH [DE/DE]; Manderscheidstrasse 86/88, 45141 Essen (DE).

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

(72, 75) WASMUTH, Ernst, A. [DE/DE]; Manderscheidstrasse 86/88, 45141 Essen (DE).

(74) KREUTZER, Ulrich; Bungartz & Kreutzer, August-Hirsch-Strasse 10, 47119 Duisburg (DE).

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

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

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

(51)⁷ B29C 70/30, 70/36, 70/54

(11) WO 02/085607 (13) A1

(21) PCT/US02/11818

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/284,071 16 Apr/avr 2001 US (16.04.2001)

(30) 09/846,815 1 May/mai 2001 US (01.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR MAKING COMPOSITE PARTS

• PROCEDE ET APPAREIL DESTINES A LA FABRICATION DE PIECES COMPOSITES

(71) **HARDCORE COMPOSITES** [US/US]; 618 Lambsons Lane, New Castle, DE 19720 (US).

(72) **HEMPHILL, Scott, W.**; 220 Upper Pike Creek Road, Newark, DE 19711 (US). **HUNTER, Carmen, G.**; 303 4th Street, New Castle, DE 19720 (US). **GREEN, George, E.**; 308 3rd Street, New Castle, DE 19720 (US). **DENARDO, Philip, M.**; 213 Liangollen Boulevard, New Castle, DE 19720 (US). **CATBAS, Kemal, Hayari**; 48 Lianfair Road, Ardmore, DE 19003 (US).

(74) **DURST, Jay, G.**; Boyle Fredrickson Newholm Stein & Gratz S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 70/78, 45/14, B32B 27/06, 9/02 // B29C 43/18, B29K 711:08

(11) WO 02/085608 (13) A1

(21) PCT/EP02/04244

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 494.3 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SHAPED BODY FROM LEATHER AND THERMOPLASTIC MATERIAL THAT HAS AN IMPROVED SOFT TOUCH

• CORPS FAÇONNES EN CUIR ET MATIERE THERMOPLASTIQUE OFFRANT UNE DOUCEUR DE TOUCHER AMELIORE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) **BARTL, Jürgen** [DE/DE]; Sonnenstrasse 2, 67063 Ludwigshafen (DE). **KLENZ, Rainer** [DE/DE]; Im Wachtelschlag 34, 67454 Hassloch (DE). **LIESE, Michaela** [DE/DE]; Schützenstrasse 23, 67061 Ludwigshafen (DE). **TAEGER, Tilman, Lüdecke** [DE/DE]; Breslauer Strasse 35, 64342 Seeheim-Jugenheim (DE). **GUENTHER, Erhard** [DE/DE]; Peter-Gärtner-Strasse 8, 67454 Hassloch (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (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 70/88, 70/08

(11) WO 02/085609 (13) A1

(21) PCT/IT02/00253

(22) 19 Apr/avr 2002 (19.04.2002)

(25) it (26) en

(30) TS2001U000010 20 Apr/avr 2001 IT (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLASTICS REINFORCED BY INCORPORATED FIBERGLASS AND METAL

• MATIERE PLASTIQUE RENFORCEE PAR L'INCORPORATION DE FIBRES DE VERRE ET DE METAL

(71, 72) **FAMEA, Sergio** [IT/IT]; Via Giovanni XXIII^o, 4, I-33050 Ruda (IT). **CREVATIN, Moreno** [IT/IT]; Via delle Mandrie, 14, I-34074 Monfalcone (IT).

(74) **BOSCHIN, Adriano**; Studio Tecnico S.A.I. S.a.s, Via Imbriani, 2, I-34122 Trieste (IT).

(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 : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SG SI SK TN TT UA UZ VN YU ZA AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ 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)

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 B30B 9/30, B65F 1/14

(11) WO 02/085610 (13) A1

(21) PCT/DK02/00255

(22) 19 Apr/avr 2002 (19.04.2002)

(25) da (26) en

(30) PA 2001 00624 19 Apr/avr 2001 DK (19.04.2001)

(30) PA 2001 01062 6 Jul/juil 2001 DK (06.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER FOR COMPACTING PAPER WASTE

• CONTENANT POUR COMPACTER DES DECHETS DE PAPIER

(71) **BENT ERIKSEN HANDELSSELSKAB APS** [DK/DK]; Dragsmøllevej 12, DK-4534 Hørve (DK).

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

(72, 75) **ERIKSEN, Bent** [DK/DK]; Dragsmøllevej 12, DK-4534 Hørve (DK).

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

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

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

Published / Publiée : (c)

(51)⁷ B31B 5/00

(11) WO 02/085611 (13) A1

(21) PCT/EP02/03914

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 925.2 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MACHINE FOR THE PRODUCTION OF READY-GLUED FOLDING BOXES ARRANGED IN A PLANAR MANNER

• MACHINE POUR LA PRODUCTION DE CARTONS PLIANTS COLLES ET MIS A PLAT

(71) **ALFRED KLETT AG** [DE/DE]; Dreherstrasse 11-15, 42899 Remscheid (DE).

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

(72, 75) KRÜGER, Karl-Heinz [DE/DE]; Nüdelshalbach 72, 42855 Remscheid (DE). HULVERSCHEIDT, Detlef [DE/DE]; Kaiser-Friedrich-Ring 17, 40545 Düsseldorf (DE).

(74) FÜSSEL, Michael et al. / etc.; Lönsstrasse 55, 42289 Wuppertal (DE).

(81) AU BR CA CN CZ JP KR NO PL RU 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 B32B

(11) WO 02/085612 (13) A2

(21) PCT/CA02/00554

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,082 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR LAMINATING AND FORMING A COMPOSITE LAMINATE IN A SINGLE OPERATION

• PROCEDE DE STRATIFICATION ET DE FORMAGE D'UN STRATIFIE COMPOSITE EN UNE SEULE OPERATION

(71) DOFASCO INC. [CA/CA]; 1330 Burlington Street East, Hamilton, Ontario L8N 3J5 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLIFFORD, David, D'Arcy [CA/CA]; 24 Hyslop Drive, Caledonia, Ontario N2W 2L2 (CA).

(74) NASSIF, Omar, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

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

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

(11) WO 02/085613 (13) A2

(21) PCT/EP02/03853

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 19 416.1 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTI-LAYERED SYSTEMS CONTAINING ANTI-STATIC MOULDING MATERIALS

• SYSTEMES MULTICOUCHES COMPORTANT DES MATIERES MOULEES ANTISTATIQUES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) GORNY, Rüdiger [DE/DE]; Waldhofstr. 124, 47800 Krefeld (DE). ANDERS, Siegfried [DE/DE]; Humperdinckstr. 3, 51147 Köln (DE). NISING, Wolfgang [DE/DE]; Mainstr. 4, 53757 St. Augustin (DE). DÖBLER, Martin [DE/DE]; Flotowstr. 13, 40593 Düsseldorf (DE). RÖHNER, Jürgen [DE/DE]; Brambachstr. 86, 51069 Köln (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B32B 3/00, 5/16, C08F 2/46

(11) WO 02/085614 (13) A1

(21) PCT/US02/10579

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/838,654 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INK-JET PRINTABLE TRANSFER PAPER FOR USE WITH FABRIC MATERIALS

• PAPIERS DE DECALQUE IMPRIMABLES PAR JETS D'ENCRE A UTILISER AVEC DES MATERIAUX DE TYPE TISSUS

(71) ARKWRIGHT INCORPORATED [US/US]; 538 Main Street, Fiskeville, RI 02823-0139 (US).

(72) YUAN, Shengmei; 38 Cobblestone Terrace, Coventry, RI 02816 (US). XU, Zhong; 285 Plantation Street, Apt. 117, Worcester, MA 01604 (US). SA, Sathuan, K.; 36 Hemlock Avenue, Cranston, RI 02910 (US).

(74) JOSEPHS, David, R. et al. / etc.; Barlow, Josephs & Holmes, Ltd., 101 Dyer Street, 5th Floor, Providence, RI 02903 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/01, B23K 20/08

(11) WO 02/085615 (13) A1

(21) PCT/EP02/05461

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 01/05500 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METAL BLOCKS SUITABLE FOR MACHINING APPLICATIONS

• BLOCS METALLIQUES ADAPTES POUR DES APPLICATIONS D'USINAGE

(71) PECHINEY RHENALU [FR/FR]; 7, place du Chancelier Adenauer, F-75116 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATTEAU, Frédéric [FR/FR]; Les Pradets, Pavillon F, 20, rue de la Liberté, F-63500 ISSOIRE (FR). GODARD, David [FR/FR]; 8, rue Magellan, F-49460 Montreuil-Juigne (FR).

(74) MOUGEOT, Jean-Claude; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/08, 27/34, C08G 73/10, H05K 1/03

(11) WO 02/085616 (13) A1

(21) PCT/JP02/03919

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121553 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LAMINATE FOR ELECTRONIC MATERIAL

- STRATIFIE POUR MATERIAU ELECTRONIQUE
- (71) NIPPON STEEL CHEMICAL CO., LTD. [JP/JP]; 21-11, Nishi Gotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTA, Takuhei [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). HIRAIISHI, Katsufumi [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). TAKARABE, Taeko [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). TAKIYAMA, Syuji [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). KABEMURA, Eri [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). MIYAMOTO, Kazuya [JP/JP]; c/o Kisarazu Works, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). MATSUDA, Takashi [JP/JP]; c/o Kisarazu Works, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP). SAWAMURA, Tazo [JP/JP]; c/o Kisarazu Works, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 292-0835 (JP).
- (74) NARUSE, Katsuo et al. / etc.; 5th Floor, Central Shinbashi Bldg., 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 17/12, B05D 3/02
- (11) WO 02/085618 (13) A1
- (21) PCT/US02/12601
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/286,392 24 Apr/avr 2001 US (24.04.2001)
- (30) 10/128,741 22 Apr/avr 2002 US (22.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DAMAGE TOLERANT CMC USING SOL-GEL MATRIX SLURRY
• COMPOSITE A MATRICE CERAMIQUE RESISTANT AUX AVARIES ET COMPORANT UNE SUSPENSION EPAISSE MATRICIELLE SOL-GEL
- (71) COI CERAMICS, INC. [US/US]; 9617 Distribution Avenue, San Diego, CA 92121 (US).
- (72) BUTNER, Steven, Carl; 13460 Pequot Drive, Poway, CA 92064 (US). JACKSON, Barrett, Thomas; 3323 Grim Avenue, San Diego, CA 92104 (US).
- (74) BROOKS, Michael, B.; Law Offices of Brooks & Fillbach, Suite 104, 5010 N. Parkway Calabasas, Calabasas, CA 91302 (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 designations suivantes : 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 designations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

- (51)⁷ B32B 27/08, 27/34, 27/32
- (11) WO 02/085619 (13) A1
- (21) PCT/JP02/03766
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 2001-119357 18 Apr/avr 2001 JP (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LIGHT-WEIGHT STRUCTURAL PANEL
• PANNEAU STRUCTUREL LEGER
- (71) DOFASCO INC. [CA/CA]; 1330 Burlington Street, Hamilton, Ontario L8N 3J5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CLIFFORD, David D'Arcy [CA/CA]; 24 Hyslop Drive, Caledonia, Ontario N2W 2L2 (CA).
- (74) NASSIF, Omar, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 15/14, E04C 2/26
- (11) WO 02/085617 (13) A1
- (21) PCT/CA02/00555
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/841,339 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NYLON 6-BASED MULTILAYER CASING FILM
• BOYAU MULTICOUCHE A BASE DE NYLON 6
- (71) KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED [JP/JP]; 1-9-11, Nihonbashi Horidome-cho, Chuo-ku, Tokyo 103-8552 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAJIMA, Junji [JP/JP]; c/o POLYMER PROCESSING TECHNICAL CENTER, KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). TOBITA, Hisanori [JP/JP]; c/o POLYMER PROCESSING TECHNICAL CENTER, KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). ABE, Kosuke [JP/JP]; c/o POLYMER PROCESSING TECHNICAL CENTER, KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP).
- (74) ENDO, Yukio; TOKO INTERNATIONAL PATENT OFFICE, Hasegawa Bldg. 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/08, 27/28
- (11) WO 02/085620 (13) A1
- (21) PCT/US02/11849
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,225 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RESIN COMPOSITION FOR CAPSTOCK
• COMPOSITION DE RESINE DE PROTECTION
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP). KANEKA TEXAS CORPORATION [US/US]; 6161 Underwood Road, Pasadena, TX 77507 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) NISHIMURA, Richi [JP/US]; 330 Meadow Wood Ct., League City, TX 77573 (US). SUGAYA, Takahiko [JP/US]; 1400

El Camino Village Drive #901, Houston, TX 77058 (US).

(74) HANSON, Donald, W.; Armstrong, Westerman & Hattori, LLP, Suite 1000, 1725 K Street N.W., Washington, DC 20006 (US).

(81) AU CA CN JP US.

Published / Publiée : (c)

(51)⁷ B32B 27/16, 27/00

(11) WO 02/085621 (13) A1

(21) PCT/JP02/03677

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-123659 20 Apr/avr 2001 JP (20.04.2001)

(30) 2001-177836 13 Jun/juin 2001 JP (13.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LAMINATED PLATE AND PART USING THE LAMINATED PLATE

• PLAQUE LAMINEE ET PIECE DANS LAQUELLE ELLE EST UTILISEE

(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) SAIJO, Kinji [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). YOSHIDA, Kazuo [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). OKAMOTO, Hiroaki [JP/JP]; c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). OHSAWA, Shinji [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX 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 B32B 27/36, B41M 5/40

(11) WO 02/085622 (13) A1

(21) PCT/JP02/03767

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-120701 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WHITE LAMINATE POLYESTER FILM AND RECEIVING SHEET FOR THERMAL TRANSFER RECORDING USING IT

• FILM POLYESTER STRATIFIE BLANC ET FEUILLE DE RECEPTION POUR ENREGISTREMENT PAR TRANSFERT THERMIQUE PAR IT

(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).

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

(72, 75) KAWAZU, Yukio [JP/JP]; 15-25, Heso 8-chome, Ritto-shi, Shiga 520-3031 (JP). OHWATARI, Hisashi [JP/JP]; 1415, Oaza Goudo, Goudo-cho, Anpachi-Gun, Gifu 503-2305 (JP). SUZUKI, Motoyuki [JP/JP]; 15-10, Shimosakamoto 5-chome, Otsu-shi, Shiga 520-0105 (JP). TAKAHASHI, Kozo [JP/JP]; 3-1-B5-411, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP).

(74) SATO, Kenji; c/o Shiga Branch, TORAY INTELLECTUAL PROPERTY EXPERTS CO., LTD., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520-8558 (JP).

(81) CA 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 B32B 27/42, 5/02, 9/04, C01B 17/48

(11) WO 02/085623 (13) A1

(21) PCT/US02/13096

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/841,277 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PYROLYSIS HEATER

• RECHAUFFEUR A PYROLYSE

(71) ABB LUMMUS GLOBAL INC. [US/US]; 1515 Broad Street, Bloomfield, NJ 07003-3096 (US).

(72) PLATVOET, Erwin, M., J.; 57 Sip Avenue, Apt. PHB, Jersey City, NJ 07306-3123 (US). GARTSIDE, Robert, J.; 167 Colonial Road, Summit, NJ 07901 (US).

(74) RISTAS, L., James et al. / etc.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103 (US).

(81) 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B32B 31/00, 3/28

(11) WO 02/085624 (13) A1

(21) PCT/US02/11128

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/840,371 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DUAL ADHESIVE APPLICATION FOR LAMINATING ELASTIC WEBS

• ENCOLLAGE DOUBLE PERMETTANT DE STRATIFIER DES SANGLES ELASTIQUES

(71) BOSTIK FINDLEY, INC. [US/US]; 11320 Watertown Plank Road, Wauwatosa, WI 53226 (US).

(72) ALPER, Mark; 949 Bay View Circle, Mukwonago, WI 53149 (US). STUCZYNSKI, Russell, P.; 1325 Rawson Avenue, South Milwaukee, WI 53172 (US).

(74) WOZNY, Thomas, M. et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, 100 East Wisconsin Avenue, Suite 1100, 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 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 B41C 1/00, 1/05, B41N 1/12

(11) WO 02/085625 (13) A1

(21) PCT/EP02/04855

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 0109645.2 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLEXOGRAPHIC PRINTING FORMES
• FORMES D'IMPRESSION FLEXOGRAPHIQUE

(71) INNOVATIVE ELASTICS LIMITED [IE/IE]; Galvone Industrial Estate, Limerick (IE).

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

(72, 75) CLINTON, Geoffrey [GB/GB]; 2 Greenways, Abbots Langley, Hertfordshire WD5 0EU (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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 B41F 5/24, 31/30

(11) WO 02/085626 (13) A1

(21) PCT/EP02/04320

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 666.0 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR EXCHANGING INK CONTAINERS AND DOCTOR BLADES

- DISPOSITIF ET PROCEDE D'INTERCHANGEABILITE D'ENCRIERS ET DE RACLES

(71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).

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

(72, 75) THÖLE, Alois [DE/DE]; Steegenbreede 11, 49536 Liene (DE). ROGGE, Günter [DE/DE]; Industriestrasse 23, 49536 Liene (DE).

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 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 B41F 5/24

(11) WO 02/085627 (13) A1

(21) PCT/ES02/00189

(22) 18 Apr/avr 2002 (18.04.2002)

(25) es (26) es

(30) U 200101011 20 Apr/avr 2001 ES (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED FLEXOGRAPHIC PRINTER

- IMPRIMANTE FLEXOGRAPHIQUE PERFECTIONNEE

(71) CIMCO, S.L. [ES/ES]; Avenida Conde Llobregat, 48, E-08760 Martorell (ES).

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

(72, 75) SERRA OBIOL, Ramon [ES]; Avenida Conde Llobregat, 48, E-08760 Martorell (ES).

(74) ASENSIO FERNANDEZ-CASTANYS, Trinidad; Calle Doctor Fleming, 16, E-28036 Madrid (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/30, B21D 51/38, B65D 17/50

(11) WO 02/085628 (13) A1

(21) PCT/KR02/00731

(22) 20 Apr/avr 2002 (20.04.2002)

(25) ko (26) en

(30) 2001-21328 20 Apr/avr 2001 KR (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF MANUFACTURING AN ALUMINUM DESIGN TAB END FOR A BEVERAGE CAN

- PROCEDE DE FABRICATION D'UNE EXTREMITE DE LANGUETTE EN ALUMINIUM POUR UNE CANETTE

(71) C-SOLUTION INC. [KR/KR]; 1108 Ima Bldg., 146-1, Susong-dong, Jongro-gu, Seoul 110-755 (KR).

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

(72, 75) CHUNG, Hyung, Dong [KR/KR]; 1-1801 Jamwon Family Apt., 51 Jamwon-dong, Seocho-gu, Seoul 137-030 (KR).

(74) PARK, Young, Sun; Park & Partners, 9th Floor, Tongyoung Bldg., 1318-2 Seocho-4-dong, Seocho-gu, Seoul 137-074 (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 B41F 33/00, B41K 1/56, B42F 13/00

(11) WO 02/085629 (13) A1

(21) PCT/US02/10472

(22) 1 Apr/avr 2002 (01.04.2002)

(25) en (26) en

(30) 09/823,485 30 Mar/mar 2001 US (30.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF MAKING A HAND STAMP, A HAND STAMP APPARATUS AND A STORAGE DEVICE FOR STORING IMPRINTING ELEMENTS

- PROCEDE DE FABRICATION D'UN TAMPON MANUEL, APPAREIL A TAMPONS MANUELS ET DISPOSITIF DE STOCKAGE DESTINE A STOCKER DES ELEMENTS D'IMPRESSION

(71, 72) LOOKHOLDER, Dale [US/US]; Santa Clarita, CA (US). CASTON, Christopher, B. [US/US]; Glendale, CA (US). SERRANO, Joaquin, G. [US/US]; Los Angeles, CA (US). LOOKHOLDER, Theodore [US/US]; Los Angeles, CA (US).

(74) CRUM & ROTH; 53 West Jackson Boulevard, Chicago, IL 60604-3606 (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).

Published / Publiée : (c)

(51)⁷ B41J 2/14

(11) WO 02/085630 (13) A1

(21) PCT/US02/09127

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/839,828 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THERMAL INK JET DEFECT TOLERANT RESISTOR DESIGN

- MODELE DE RESISTANCE A TOLERANCE DE PANNES D'IMPRIMANTE THERMIQUE A JET D'ENCRE

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) RAUSCH, John; 4695 Freedom Drive, Boise, ID 83642 (US). SHADE, David, A.; 9864 Prairie Road, Boise, ID 83707 (US).

(74) MURRAY, Leslie, G.; 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).
-
- (51) **B41J 2/175**
- (11) **WO 02/085631** (13) A1
- (21) PCT/US02/12404
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 09/839,385 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INK CONTAINER CONFIGURED TO ESTABLISH RELIABLE FLUIDIC CONNECTION TO A RECEIVING STATION
- RECIPIENT A ENCRE CONÇU POUR ETABLIR UNE CONNEXION FLUIDIQUE FIABLE AVEC UNE STATION DE RECEPTION
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; Legal Department, M/S 1049, 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Mark, A.** [US/US]; 2959 NW Angelica, Corvallis, OR 97330 (US).
TAYLOR, John, L. [US/US]; 9030 NW Fir Ridge Place, Corvallis, OR 97330 (US).
OTIS, David, R., Jr. [US/US]; 3154 NW Johnson Avenue, Corvallis, OR 97330 (US).
- (74) **SULLIVAN, Kevin, B. et al.** / etc.; 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **B41J 2/415**
- (11) **WO 02/085632** (13) A1
- (21) PCT/SE01/00877
- (22) **25 Apr/avr 2001 (25.04.2001)**
- (25) en (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • AN IMAGE FORMING APPARATUS AND A METHOD FOR DIRECT PRINTING
- APPAREIL DE FORMATION D'IMAGES ET PROCEDE POUR IMPRESSION DIRECTE
- (71) **ARRAY AB** [SE/SE]; Önnereads Brygga 13, S-421 57 Västra Frölunda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALM, Filip** [SE/SE]; Skårdalsvägen 89, S-445 36 Bohus (SE).
- (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).
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- (51)⁷ **B41M 3/14, B41J 3/54**
- (11) **WO 02/085633** (13) A1
- (21) PCT/IB02/01267
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 2001/3334 **24 Apr/avr 2001 ZA (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PRODUCTION OF DOCUMENTS
- PRODUCTION DE DOCUMENTS
- (71, 72) **CROZIER, Christopher, Nello** [ZA/ZA]; 9 Notten Road, 2062 Lonchill (ZA).
- (74) **VAN DER WALT, Louis, Stephanus;** Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, P.O. Box 1014, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **B41M 5/00, C08L 101/00, C08F 2/44, C09D 201/00, 5/02**
- (11) **WO 02/085634** (13) A1
- (21) PCT/JP02/03838
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) ja (26) ja
- (30) 2001-119342 **18 Apr/avr 2001 JP (18.04.2001)**
- (30) 2001-119761 **18 Apr/avr 2001 JP (18.04.2001)**
- (30) 2001-127543 **25 Apr/avr 2001 JP (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • EMULSION AND COATING LIQUID AND RECORDING MEDIUM USING THE SAME
- EMULSION ET LIQUIDE DE REVETEMENT ET SUPPORT D'ENREGISTREMENT UTILISANT CETTE EMULSION
- (71) **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
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- (72, 75) **FUNAKOSHI, Shinji** [JP/JP]; 1-4-1-401, Tamagawacho, Akishima-shi, Tokyo 196-0034 (JP).
TAKANOHASHI, Hiroaki [JP/JP]; 4-8-16-2-807, Nishiuragacho, Yokosuka-shi, Kanagawa 239-0824 (JP).
- (74) **ASAMURA, Kiyoshi et al.** / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **B41M 5/00, C08F 8/42**
- (11) **WO 02/085635** (13) A1
- (21) PCT/US02/12767
- (22) **5 Apr/avr 2002 (05.04.2002)**
- (25) en (26) en
- (30) 09/838,480 **19 Apr/avr 2001 US (19.04.2001)**
- (30) 10/034,893 **28 Dec/déc 2001 US (28.12.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INK JET RECORDING MEDIA
- SUPPORT D'ENREGISTREMENT A JET D'ENCRE
- (71) **STORA ENSO NORTH AMERICA CORPORATION** [US/US]; 510 High Street, Wisconsin Rapids, WI 54495 (US).
- (72) **SCHADE, Robert, L.;** 4220 Ridge Road, Wisconsin Rapids, WI 54495 (US).
SCHLIESMAN, Leonard, J.; 1310 16th Street, N, Wisconsin Rapids, WI 54494 (US).
- (74) **JUETTNER, Paul, G. et al.** / etc.; Greer, Burns & Crain, Ltd., Suite 2500, 300 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les designations
(t) for all designations / pour toutes les designations;
(t) for all designations / pour toutes les designations
-
- (51)⁷ **B41M 5/00, C09D 5/02, 7/12, C08K 3/34**
- (11) **WO 02/085636** (13) A1
- (21) PCT/US02/12770

(22) 5 Apr/avr 2002 (05.04.2002)
 (25) en (26) en
 (30) 09/838,495 19 Apr/avr 2001 US
 (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INK JET RECORDING MEDIA
 • SUPPORT D'ENREGISTREMENT A JET D'ENCRE

(71) STORA ENSO NORTH AMERICA CORPORATION [US/US]; 510 High Street, Wisconsin Rapids, WI 54495 (US).

(72) SCHLIESMAN, Leonard, J.; 1310 16th Street, N, Wisconsin Rapids, WI 54494 (US). SCHILLER, Gary, G.; 3201 61st Street North, Wisconsin Rapids, WI 54495 (US).

(74) JUETTNER, Paul, G. et al. / etc.; Greer, Burns & Crain, Ltd., Suite 2500, 300 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).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B41M 5/00

(11) WO 02/085637 (13) A1

(21) PCT/US02/12841

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/838,480 19 Apr/avr 2001 US
 (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HIGH GLOSS INK JET RECORDING MEDIA
 • SUPPORTS D'ENREGISTREMENT A JET D'ENCRE TRES BRILLANTS

(71) STORA ENSO NORTH AMERICA CORPORATION [US/US]; 510 High Street, Wisconsin Rapids, WI 54495 (US).

(72) SCHLIESMAN, Leonard, J.; 1310 16th Street, N., Wisconsin Rapids, WI 54494 (US).

(74) JUETTNER, Paul, G. et al. / etc.; Greer, Burns & Crain, Ltd., Suite 2500, 300 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).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B41M 7/00

(11) WO 02/085638 (13) A1

(21) PCT/US02/02046

(22) 21 Jan/jan 2002 (21.01.2002)

(25) en (26) en

(30) 09/837,305 18 Apr/avr 2001 US
 (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRIMED SUBSTRATES COMPRISING RADIATION CURED INK JETTED IMAGES

• SUBSTRATS AMORCES COMPRENANT DES IMAGES A JET D'ENCRE SECHEES PAR RAYONNEMENT

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

(72) YLITALO, Caroline, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LEE, Jennifer, L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SEVERANCE, Richard, L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WOO, Oh Sang; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). JANULIS, Eugene, P.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ B41N 6/00

(11) WO 02/085639 (13) A1

(21) PCT/US02/13154

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,755 25 Apr/avr 2001 US
 (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EDGE TRANSFER LITHOGRAPHY
 • LITHOGRAPHIE PAR REPORT DE BORD

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

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(72, 75) ADAMS, David [US/US]; 90 Morningside Drive, Apt. 2L, New York, NY 10027 (US). CHERNIAVSKAYA, Oksana [US/US]; 419 West 118th Street, Apt. 23A, New York, NY 10027 (US).

(74) TANG, Henry et al. / etc.; Baker Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

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

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

Published / Publiée : (c)

(51)⁷ B42C

(11) WO 02/085640 (13) A2

(21) PCT/IL02/00314

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,511 19 Apr/avr 2001 US
 (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD AND APPARATUS FOR CREATION OF A BOOK SPINE
 • PROCEDE ET APPAREIL DE CREATION D'UN DOS DE LIVRE

(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) WEISS, Ilan [IL/IL]; 12/17 Jasmin Street, 44355 Kfar-Saba (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK; 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 UZ VN YU ZA ZM ZW.

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

- FI FR GB GR IE IT LU MC NL PT 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 **B42C**
(11) **WO 02/085641** (13) A2
(21) PCT/IL02/00315
(22) **18 Apr/avr 2002 (18.04.2002)**
(25) en (26) en
(30) 60/284,529 **19 Apr/avr 2001 US (19.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • A METHOD FOR BINDING A BOOK
• PROCEDE DE RELIURE DE LIVRE
- (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) **DIM, Yuval** [IL/IL]; 10 Bart Street, 69104 Tel Aviv (IL). **ROSENFELD, Gil** [IL/IL]; P.O. Box 378, 42920 Beit Itzhak (IL).
- (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; 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).
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- (51)⁷ **B42D**
(11) **WO 02/085642** (13) A2
(21) PCT/EP02/03502
(22) **28 Mar/mar 2002 (28.03.2002)**
(25) en (26) en
(30) 011 09 447.1 **24 Apr/avr 2001 EP (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • BIREFRINGENT MARKING
• MARQUAGE BIREFRINGENT
- (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) **KUNTZ, Matthias** [DE/DE]; Im Berggarten 16, 64342 Seeheim-Jugendheim (DE). **HAMMOND-SMITH, Robert** [GB/GB]; Tripps End, North End, Damerham, Hampshire SP6 3HA (GB). **PATRICK, John** [GB/GB]; 2 Sandford Road, Wareham, Dorset BH20 4DH (GB). **GRAHAM, Donald, G.** [GB/GB]; 24 Ivor Road, Corfe Mullen, Wimborne, Dorset BH21 3QF (GB). **RIDDLE, Rodney** [GB/GB]; 164 Victoria Road, Parkstone, Poole, Dorset BH12 3AG (GB).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **B42F 1/02**
(11) **WO 02/085643** (13) A1
(21) PCT/KR02/00724
(22) **19 Apr/avr 2002 (19.04.2002)**
(25) ko (26) en
(30) 2001/11935 U **25 Apr/avr 2001 KR (25.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PAPER HOLDER
• SUPPORT DE PAPIER
- (71) **TECHNOLOGY TREE CO., LTD.** [KR/KR]; #576-5, Shinsa-dong, Kangnam-ku, Seoul 135-891 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KIM, Chung-Hwan** [KR/KR]; 209-305, Cheonggu A.P.T., #36, Sunae-dong, Bundang-gu, Kyunggi-do, Seongnam-city 463-838 (KR).
- (74) **LEE, Duck-Rog**; YEiL Patent & Trademark Int'l, 2nd FL., Yeil Bldg., #700-19, Yorksam-dong, Kangnam-ku, Kangnam-ku, Seoul135-918 (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 **B60B 33/02**
(11) **WO 02/085645** (13) A1
(21) PCT/FR02/01415
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) fr (26) fr
(30) 01/05580 **25 Apr/avr 2001 FR (25.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR IMPROVING THE MANOEVRABILITY OF A TROLLEY
• DISPOSITIF APTE A AMELIORER LA MANIABILITE D'UN CHARIOT DE TRANSPORT
- (71, 72) **GALLEE, Bernard** [FR/FR]; La Gorandière, F-22490 Pleslin-Trigavou (FR). **MALOEUVRE, Robert** [FR/FR]; 65, rue Jean Gutenberg, F-44600 Saint-Nazaire (FR).
- PROCEDE D'IMPRESSION PAR TRANSFERT A JET D'ENCRE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **KITCHIN, Jonathan, P.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **CARLS, Joseph, C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **EVANS, Dwight, L.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **AUSTIN, Steven, R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PETERS, Carolyn, V. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(74) CABINET WAGRET; 19, rue de Milan, 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).

Published / Publiée : (c)

(51)⁷ B60C 9/08, 15/00, 9/20

(11) WO 02/085646 (13) A1

(21) PCT/EP02/04255

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05337 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TYRE ARMATURES FOR AN AIR-PLANE

• ARMATURES DE PNEUMATIQUE POUR AVION

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand Cedex 09 (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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

(72, 75) ROGET, Cyrille [FR/FR]; 4, rue Beaumarchais, F-63000 Clermont-Ferrand (FR). VIALATTE, Lilian [FR/FR]; 124 bis, boulevard Lafayette, F-63000 Clermont-Ferrand (FR).

(74) DIERNAZ, Christian; M. F. P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

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

Published / Publiée : (c)

(51)⁷ B60C 15/00, 15/06

(11) WO 02/085647 (13) A1

(21) PCT/JP02/03407

(22) 4 Apr/avr 2002 (04.04.2002)

(25) ja (26) ja

(30) 2001-116460 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(71) SUMITOMO RUBBER INDUSTRIES, LTD [JP/JP]; 6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072 (JP).

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

(72, 75) UEYOKO, Kiyoshi [JP/JP]; c/o Sumitomo Rubber Industries, Ltd., 6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072 (JP).

(74) NAEMURA, Tadashi et al. / etc.; 2-26, Nishinakajima 4-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) ID 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 B60C 19/00, B60B 21/12

(11) WO 02/085648 (13) A1

(21) PCT/US01/12739

(22) 19 Apr/avr 2001 (19.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR ATTENUATING CAVITY NOISE IN A TIRE AND WHEEL

• DISPOSITIF D'ATTENUATION DU BRUIT DE CAVITE DANS UN PNEU OU UNE ROUE

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Pacot (CH).

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

(72, 75) TSIHLAS, Dimitri [FR/US]; 3 Brynhurst Court, Greenville, SC 29615 (US).

(74) FARRELL, Martin; Michelin North America, Inc., Intellectual Property Department, 515 Michelin Road, Greenville, SC 29605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 B60C 19/12, B29C 73/22 // B29L 30:00

(11) WO 02/085649 (13) A1

(21) PCT/JP02/02498

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-121929 20 Apr/avr 2001 JP (20.04.2001)

(30) 2002-63320 8 Mar/mar 2002 JP (08.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF-SEAL TIRE AND METHOD OF MANUFACTURING THE TIRE

• PNEUMATIQUE AUTO-OBTURATEUR ET PROCEDE DE FABRICATION ASSOCIE

(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 B60F 1/04

(11) WO 02/085650 (13) A1

(21) PCT/GB02/01758

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109668.4 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR ADAPTING ROAD VEHICLE TO PROVIDE ROAD AND RAIL CAPABILITY

• VEHICULE

(71) HARSCO TRACK TECHNOLOGIES LTD [GB/GB]; Unit 1, Chewton Street, Eastwood, Nottingham NG16 3HB (GB).

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

(72, 75) RANDALL, Bryce [GB/GB]; Harsco Track Technologies Ltd, Unit 1, Chewton Street, Eastwood, Nottingham NG16 3HB (GB).

(74) SHAW, Laurence et al. / etc.; Laurence Shaw & Associates, Metropolitan House, 1

Hagley Road, Edgbaston, Birmingham B16 8TG (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60G 11/42, 17/02

(11) WO 02/085651 (13) A1

(21) PCT/MX02/00033

(22) 24 Apr/avr 2002 (24.04.2002)

(25) es (26) es

(30) 014085 24 Apr/avr 2001 MX (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RUBBER AUXILIARY SUSPENSION WITH STAGES UNDER TENSION FOR VEHICLE AXLES IN GENERAL

• SUSPENSION AUXILIAIRE A ETAGES DE TRAVAIL EN CAOUTCHOUC SOUS TENSION POUR AXES DE VEHICULES EN GENERAL

(71, 72) TAPIA ESPRIU, Roberto [MX/MX]; Av. Dolores Hidalgo No. 747, Cd. Industrial, Irapuato, GTO 36541 (MX).

(74) ELIZALDE VEGA, Luis Alberto; Callejon de Neblina No. 4, Col. Jardines del Pedregal, Mexico, D.F. 01900 (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).

Published / Publiée : (c)

(51)⁷ B60H 1/34

(11) WO 02/085652 (13) A1

(21) PCT/KR02/00619

(22) 9 Apr/avr 2002 (09.04.2002)

(25) ko (26) en

(30) 2001/19619 12 Apr/avr 2001 KR (12.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VENT ASSEMBLY WITH DRAWER-TYPE GRILL UNIT FOR AUTOMOBILES

• ENSEMBLE DE VENTILATION A GRILLE DE TYPE TIROIR POUR AUTOMOBILE

(71, 72) CHO, Sung-Ho [KR/KR]; 312-2301, Koommaeul Apartment, 933-7, Pyeung Chon Dong, Anyang City, Kyeonggi-do 431-070 (KR).

(74) KIM, Sung-Gyu; 4th Fl. Jangan Building, 827-3, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

(51) B60J 7/047

(11) WO 02/085653 (13) A1

(21) PCT/EP02/04013

(22) 10 Apr/avr 2002 (10.04.2002)

(25) de (26) de

(30) 101 19 701.2 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEGMENTED ROOF

• TOIT A LAMELLES

(71) CTS FAHRZEUG-DACHSYSTEME GMBH [—/DE]; Am Radeland 125, 21079 Hamburg (DE).

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

(72, 75) SALZ, Wolfram [DE/DE]; Pulverdingen 15, 71665 Vaihingen (DE).

(74) WITTNER, Walter et al. / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (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) B60J 7/047

(11) WO 02/085654 (13) A1

(21) PCT/EP02/04032

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de

(26) de

(30) 101 19 667.9 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEGMENTED ROOF FOR VEHICLES

• TOIT A ARC BOMBE POUR VEHICULE

(71) CTS FAHRZEUG-DACHSYSTEME GMBH [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).

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

(72, 75) SALZ, Wolfram [DE/DE]; Pulverdingen 15, 71665 Vaihingen am Enz (DE).

(74) WITTNER, Walter et al. / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (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 B60J 10/00

(11) WO 02/085655 (13) A1

(21) PCT/US02/11322

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 09/839,887 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTIGUOUS COLLIGATION FORMING A SURFACE FILM FOR A COMPOSITE STRIP AND CORRESPONDING METHOD

• COLLIGATION CONTIGUE FORMANT UN FILM SUPERFICIEL DESTINE A UNE BANDE COMPOSITE ET PROCEDE CORRESPONDANT

(71) SCHLEGEL CORPORATION [US/US]; 111 Eighth Avenue, New York, NY 10011 (US).

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

(72, 75) WILLET, Kevin, R. [US/US]; 724 Brentwood Drive, Maryville, TN 37804 (US).

(74) SHAW, Brian, B. et al. / etc.; Harter, Secrest & Emery LLP, 1600 Bausch & Lomb Place, Rochester, NY 14604 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60J 10/00, 10/08

(11) WO 02/085656 (13) A1

(21) PCT/US02/11704

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 09/837,039 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ILLUMINATING WEATHERSEAL

• CAOUTCHOUC D'ETANCHEITE
ECLAIRANT

(71) SCHLEGEL CORPORATION [US/US];
111 Eighth Avenue, New York, NY 10011
(US).

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

(72, 75) WHITEHEAD, William [US/US]; 149
Ramsey Road, Maryville, TN 37801 (US).

(74) SHAW, Brian, B. et al. / etc.; Harter, Secrest
& Emery LLP, 1600 Bausch & Lomb Place,
Rochester, NY 14604 (US).

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

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

(u) for / pour US only / seulement

(51)⁷ B60J 10/08, 10/00

(11) WO 02/085657 (13) A1

(21) PCT/EP02/04111

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 201 06 758.7 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GAP SEALING ARRANGEMENT

• SYSTEME D'ETANCHEITE DE FENTE

(71) METEOR GUMMIWERKE K.H.
BÄDJE GMBH & CO. [DE/DE];
Ernst-Deger-Strasse 9, 31167 Bockenem
(DE).

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

(72, 75) AHLERS, Burkhard [DE/DE]; Jerks-
bekerstrasse 22, 22941 Bargteheide (DE).
KOCH, Michael [DE/DE]; Vor dem Thran-
nen 30, 37589 Kalefeld (DE). MUMME,
Edgar [DE/DE]; Steinbergstrasse 86, 31139
Hildesheim (DE).

(74) SOBISCH, Peter et al. / etc.; Sobisch & Cal-
lies, Odastrasse 4a, 37581 Bad Gandersheim
(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 B60K 1/00

(11) WO 02/085658 (13) A1

(21) PCT/US02/12529

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/839,648 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AXLE PLATE FOR A WHEELCHAIR
AND WHEELCHAIR THEREWITH

• PLAQUE D'ESSIEU DE CHAISE ROU-
LANTE ET CHAISE ROULANTE AS-
SOCIEE

(71) SUNRISE MEDICAL HHG INC.
[US/US]; 7477 East Dry Creek Parkway,
Longmont, CO 80503 (US).

(72) AMIROLA, Jose, Angel, Otaola; Guernica,
5 2^o C, E-48460 Orduna (ES).

(74) HITAFFER, Thedford, I.; MacMillan,
Sobanski & Todd, LLC, One Maritime Plaza,
Fourth Floor, 720 Water Street, Toledo, OH
43604 (US).

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

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

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

(51)⁷ B60K 6/04

(11) WO 02/085659 (13) A1

(21) PCT/EP02/04269

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 20 174.5 24 Apr/avr 2001 DE
(24.04.2001)

(30) 01109973.6 24 Apr/avr 2001 EP
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRIVE TRAIN WITH INTEGRATED
ELECTRIC MOTOR

• UNITE D'ENTRAINEMENT MUNIE
D'UN MOTEUR ELECTRIQUE IN-
TEGRE

(71) VOITH TURBO GMBH & CO. KG
[DE/DE]; Alexanderstrasse 2, 89522 Heiden-
heim (DE).

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

(72, 75) KLEMENT, Werner [DE/DE]; Tauben-
weg 6, 89520 Heidenheim (DE). EDEL-
MANN, Peter [DE/DE]; Gmünder Weg 28,
89522 Heidenheim (DE).

(74) WEITZEL & PARTNER; Friedenstrasse
10, 89522 Heidenheim (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 28/04, 28/00, F16D 48/06

(11) WO 02/085660 (13) A1

(21) PCT/DE02/01395

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 101 19 362.9 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DRIVER RECOGNI-
TION AND CONTROL SYSTEM FOR A
VEHICLE EQUIPPED WITH AN AU-
TOMATIC CLUTCH

• PROCEDE DE RECONNAISSANCE
D'UN CONDUCTEUR ET SYSTEME
DE COMMANDE POUR VEHICULE A
EMBRAYAGE AUTOMATISE

(71) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG [DE/DE]; In-
dustriestrasse 3, 77815 Bühl (DE).

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

(72, 75) AMENDT, Oliver [DE/DE]; Aleman-
nenstrasse 85, 71272 Renningen (DE).
JUNG, Mario [DE/DE]; Eichenweg 8, 76547
Sinzheim (DE). SCHINDLER, Michael
[DE/DE]; Fridolin-Dresel-Strasse 2a, 77815
Bühl (DE). ZIMMERMANN, Martin
[DE/DE]; Vogelsbergstrasse 1, 77880 Sas-
bach (DE).

(74) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG; Ege, Guido,
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).

(51)⁷ B60K 41/28, 41/26, 41/24

(11) WO 02/085661 (13) A1

(21) PCT/DE02/01396

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 101 19 361.0 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR APPLYING BRAKING TORQUE IN OVERRUN CONDITIONS IN A VEHICLE COMPRISING AN AUTOMATIC CLUTCH AND/OR AN AUTOMATIC GEAR BOX

• PROCEDE POUR APPLIQUER UN COUPLE DE FREINAGE EN REGIME DE DECELERATION DANS UN VEHICULE A EMBRAYAGE AUTOMATISE ET/OU BOITE DE VITESSES AUTOMATISEE

(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) KÜPPER, Klaus [DE/DE]; Karl-Franz-Strasse 24 A, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; Ege, Guido, 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 B60L 13/04

(11) WO 02/085662 (13) A1

(21) PCT/DE02/01508

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 20 990.8 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MAGNET ASSEMBLY FOR THE SUSPENSION AND GUIDANCE OF SUSPENDED VEHICLES AND TRANSPORT SYSTEMS

• ENSEMBLE MAGNETIQUE POUR LA SUSTENTATION ET LE GUIDAGE DE VEHICULES ET DE SYSTEMES DE TRANSPORT A SUSTENTATION

(71) LEIBNIZ-INSTITUT FÜR FESTKÖRPER- UND WERKSTOFFFORSCHUNG DRESDEN E.V. [DE/DE]; Helmholtzstrasse 20, 01069 Dresden (DE).

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

(72, 75) FALTER, Martina [DE/DE]; Schulstrasse 5, 01462 Cossebaude (DE). BARTUSCH, Peter [DE/DE]; Borsbergblick 42, 01259 Dresden (DE). SCHULTZ, Ludwig [DE/DE]; Am Sportplatz 12, 01328 Dresden (DE).

(74) RAUSCHENBACH, Dieter; Bienertstrasse 15, 01187 Dresden (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)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ B60L 15/20, B62D 11/04

(11) WO 02/085663 (13) A1

(21) PCT/JP02/03997

(22) 22 Apr/avr 2002 (22.04.2002)

(25) ja (26) ja

(30) 2001-123411 20 Apr/avr 2001 JP (20.04.2001)

(30) 2001-123412 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DIRECTION CONTROLLER OF CONTROL OBJECT

• CONTROLEUR DE DIRECTION D'UN OBJET DE COMMANDE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0023 (JP).

(72) TAKEUCHI, Kesatoshi; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES, 8F, 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) DE JP KR.

Published / Publiée : (a)

(51)⁷ B60N 2/22

(11) WO 02/085664 (13) A2

(21) PCT/NL02/00278

(22) 25 Apr/avr 2002 (25.04.2002)

(25) nl (26) en

(30) 1017935 25 Apr/avr 2001 NL (25.04.2001)

(30) 1018170 30 May/mai 2001 NL (30.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEAT INCLUDING BACKREST MOVABLE WITH RESPECT TO SEAT PART AND MOVING DEVICE FOR USE THEREIN

• SIEGE A DOSSIER MOBILE SUR L'ASSISE ET DISPOSITIF MECANIQUE A CET EFFET

(71) WHIPLASH PREVENTIE SYSTEMS HOLDING N.V. [NL/NL]; Kaya Wilson Papa Godett no. 24, Curacao (AN).

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

(72, 75) RASENBERG, Johannes, Theodor, Marie [NL/NL]; Burgemeester Baetenspark 5, NL-4841 JS Prinsenbeek (NL).

(74) BARTELD, Erik; Arnold & Siedsma, Advocaten & Octrooigemachtigden, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

(51)⁷ B60N 2/36, 2/28

(11) WO 02/085665 (13) A1

(21) PCT/EP02/02882

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 201 05 080.3 23 Mar/mar 2001 DE (23.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VEHICLE SEAT SYSTEM

• SYSTEME DE SIEGE DE VEHICULE

(71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20-30, 51399 Burscheid (DE).

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

(72, 75) SCHMODDE, Hans [DE/DE]; Berggasse 37/4, 71034 Dagersheim/Böblingen (DE). LOWINSKI, Clemens [DE/DE]; Marie Colinet Strasse 6, 40721 Hilden (DE). WATKINS, Dave [GB/GB]; 19 Bracklen Road, Darlington DL3 9LY (GB).

(74) SOLF, Alexander et al. / etc.; Postfach 13 01 13, 42028 Wuppertal (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 B60P

(11) WO 02/085666 (13) A2

(21) PCT/US02/10597

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/838,025 19 Apr/avr 2001 US (19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WHEEL SYSTEM FOR A CAMERA DOLLY
• SYSTEME DE ROUES POUR CHARIOT DE CAMERA
- (71) CHAPMAN/LEONARD STUDIO EQUIPMENT [US/US]; 12950 Raymer Street, North Hollywood, CA 91605 (US).
- (72) CHAPMAN, Leonard, T.; 12950 Raymer Street, North Hollywood, CA 91605 (US).
- (74) OHRINER, Kenneth, H.; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B60P
- (11) WO 02/085667 (13) A2
- (21) PCT/US02/04563
- (22) 15 Feb/fév 2002 (15.02.2002)
- (25) en (26) en
- (30) 60/269,669 16 Feb/fév 2001 US (16.02.2001)
- (30) 60/275,911 15 Mar/mar 2001 US (15.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THREE CUBE FRET METHOD (3-FRET) FOR DETECTING FLUORESCENCE ENERGY TRANSFER
• METHODE DE FRET PAR TROIS AU CUBE (FRET-3) DESTINEE A LA DETECTION D'UN TRANSFERT D'ENERGIE DE FLUORESCENCE
- (71) THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YUE, David, T. [—/US]; 8216 Carbridge Circle, Baltimore, MD 21204 (US). ERICKSON, Michael, G. [—/US]; Ross 713, 720 Rutland Avenue, Baltimore, MD 21205 (US).
- (74) REES, Dianne, M. 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

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

- (51)⁷ B60P 7/14
- (11) WO 02/085668 (13) A1
- (21) PCT/US02/12525
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,643 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LATCH MECHANISM FOR TRUCK BED DIVIDER
• MECANISME DE VERROUILLAGE POUR DISPOSITIF DE SEPARATION DE FOND DE CAMIONS
- (71) LOADING ZONE LLC [US/US]; 3500 Western Avenue, Highland Park, IL 60035 (US).
- (72) KOPPERUD, Guy, C.; 3137 Senceline Road, Racine, WI 53406 (US).
- (74) MCCONNELL, Andrew, S.; Boyle Fredrickson Newholm Stein & Gratz, S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (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 B60R
- (11) WO 02/085669 (13) A2
- (21) PCT/DE02/01528
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) de (26) de
- (30) 101 19 810.8 23 Apr/avr 2001 DE (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BELT TIGHTENER
• PRETENSIONNEUR DE CEINTURE
- (71) TAKATA-PETRI (ULM) GMBH [DE/DE]; Lise-Meitner-Strasse 3, 89081 Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERRMANN, Thomas [DE/DE]; Bucher Strasse 47, 89171 Illerkirchberg (DE). KOPETZKY, Robert [DE/DE]; Am Nohl 43/I, 89173 Lonsee (DE).
- (74) BAUMGÄRTEL, Gunnar; c/o Patentanwälte, Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ B60R 3/02
- (11) WO 02/085670 (13) A2
- (21) PCT/US02/04767
- (22) 15 Feb/fév 2002 (15.02.2002)
- (25) en (26) en
- (30) 60/269,286 15 Feb/fév 2001 US (15.02.2001)
- (30) 60/274,417 8 Mar/mar 2001 US (08.03.2001)
- (30) 09/817,897 26 Mar/mar 2001 US (26.03.2001)
- (30) 60/350,129 16 Oct/oct 2001 US (16.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RETRACTABLE VEHICLE STEP
• MARCHEPIED RETRACTABLE POUR AUTOMOBILE
- (71) AMERICAN MOTO PRODUCTS, INC. [US/US]; 2552 McGaw Avenue, Irvine, CA 92614 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEITNER, Horst [AT/US]; 429 Aster Street, Laguna Beach, CA 92651 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)⁷ B60R 7/10, 13/02, F16B 45/00
- (11) WO 02/085671 (13) A1
- (21) PCT/EP02/03705
- (22) 3 Apr/avr 2002 (03.04.2002)
- (25) de (26) de
- (30) 101 19 604.0 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTERIOR FITTING DEVICE FOR A VEHICLE, IN PARTICULAR A MOTOR VEHICLE
• DISPOSITIF D'EQUIPEMENT INTERIEUR POUR UN VEHICULE, NOTAMMENT POUR UN VEHICULE AUTOMOBILE

(71) DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT [DE/DE]; Porscheplatz 1, 70435 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NABERT, Bernd [DE/DE]; Brunnenstrasse 34, 72296 Schopfloch (DE). LUTZ, Erwin [DE/DE]; Beethovenstrasse 9, 71701 Schwieberdingen (DE). DIEHM, Frank [DE/DE]; Strombergstrasse 14, 74366 Kirchheim (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 B60R 11/02

(11) WO 02/085672 (13) A1

(21) PCT/IT02/00010

(22) 11 Jan/jan 2002 (11.01.2002)

(25) en (26) en

(30) RM01A000216 20 Apr/avr 2001 IT (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A FIXED CELLULAR PHONE HOLDER DEVICE FOR VEHICLES, WITH A UNIVERSAL SUPPORT

• PORTE-TELEPHONE CELLULAIRE POUR VEHICULES, EQUIPE D'UN SUPPORT UNIVERSEL

(71, 72) CASTELLANA, Cosimo [IT/IT]; Via Bolzano, 1, I-74016 Massafra Taranto (IT).

(74) MASCIOLI, Alessandro; Via Urbana, 26, I-00184 Roma (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60R 19/02, 19/26

(11) WO 02/085673 (13) A1

(21) PCT/CN02/00084

(22) 10 Feb/fév 2002 (10.02.2002)

(25) zh (26) zh

(30) 01115365.2 23 Apr/avr 2001 CN (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN ENERGY ABSORBING SAFETY DEVICE FOR A VEHICLE

• DISPOSITIF DE SECURITE ABSORBANT L'ENERGIE POUR VEHICULE

(71) YU, Tao [CN/CN]; 14FB4 Huafu Building, 585 West Longhua Road, Shanghai 200232 (CN). FENG, Yimin [CN/CN]; 14FB4 Huafu Building, 585 West Longhua Road, Shanghai 200232 (CN).

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

(71, 72) WANG, Wusheng [CN/CN]; 14FB4 HuaFu Building, 585 West Longhua Road, shanghai 200232 (CN).

(74) LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B Grand Place, No. 5 Huizhong

Road, Chaoyang District, Beijing 100101 (CN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60R 21/00

(11) WO 02/085674 (13) A2

(21) PCT/US02/13212

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/841,861 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR INFLATABLE COMBINATION CURTAIN FOLD

• APPAREIL ET PROCEDE DESTINES A UN PLI DE RIDEAU GONFLABLE COMBINE

(71) AUTOLIV ASP, INC. [US/US]; Patent, 3350 Airport Road, Ogden, UT 84405 (US).

(72) HOEFT, David, E.; 607 Lincoln, Clawson, MI 48017 (US). SONNENBERG, John; 13808 North Ridge Drive, Holly, MI 48442 (US). MCGEE, Robert, F.; 12234 Windcliff Drive, Davisburg, MI 48350 (US).

(74) BROWN, Sally, J.; Autoliv ASP, INC., 3350 AIRPORT ROAD, Ogden, UT 84405 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 21/01

(11) WO 02/085675 (13) A1

(21) PCT/DE02/01212

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 19 781.0 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTROL UNIT AND METHOD FOR IDENTIFYING THE FORM OF IMPACT IN A PASSENGER PROTECTION SYSTEM

• UNITE DE COMMANDE ET PROCEDE PERMETTANT D'IDENTIFIER LE TYPE D'IMPACT DANS UN SYSTEME DE PROTECTION DE PASSAGER

(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]; Hofmarkstrasse 6, 84061 Kläham (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 B60R 21/01

(11) WO 02/085676 (13) A1

(21) PCT/DE02/01335

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 19 621.0 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DATA BUS SYSTEM FOR SENSORS OF AN OCCUPANT SAFETY SYSTEM

• SYSTEME DE BUS DE DONNEES POUR CAPTEURS D'UN SYSTEME DE PROTECTION POUR OCCUPANT D'UNE VOITURE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE). DAIMLERCHRYSLER AG [DE/DE]; Epplestr. 225, 70567 Stuttgart (DE). CONTI TEMIC MICROELECTRONIC GMBH [DE/DE]; Sieboldstr. 19, 90411 Nürnberg (DE).

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

(72, 75) NITSCHKE, Werner [DE/DE]; Rosseger Weg 14, 71254 Ditzingen (DE). MEIER, Klaus-Dieter [DE/DE]; Einbeinstrasse 35, 71229 Leonberg (DE). BALZER, Knut [DE/DE]; Berliner Strasse 28, 71717 Beilstein (DE). MAURITZ, Ewald [DE/DE]; Falkenweg 19, 71287 Weisach (DE). BUEHRING, Heiko [DE/DE]; Muehlenhofsweg 157B, 26125 Oldenburg (DE). BOGENRIEDER, Hans [DE/DE]; Aventin Strasse 35, 85051 Ingolstadt (DE). GOERNIG, Thomas [DE/DE]; Bahnweg 21, 85229 Markt-Indersdorf (DE). KAUPP, Michael [DE/DE]; Kirchbergerweg 27, 72160 Horb-Ahldorf (DE). LORENZ, Carsten [DE/DE]; Calwer Strasse 10, 75391 Gechingen (DE). SUMIEC, Thomas [US/US]; 1555 Mariner Drive, Walled Lake, MI 48330 (US). WULFF, Holger [DE/DE]; Habsburger Strasse 7, 85051 Ingolstadt (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70422 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).

Published / Publiée : (c)

(51)⁷ B60R 21/16

(11) WO 02/085677 (13) A1

(21) PCT/IB02/02316

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,565 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BAG TURNING DEVICE

• DISPOSITIF POUR RETOURNER UN
SAC

(71, 72) CAPDEVILA, **Eduard** [ES/ES];
C/Miguel Vives N 5-4, 2a, E-Terrassa (ES).
PINEDA, **Francesc** [ES/ES]; Granollers
08400, Barcelona (ES). CODINA, **Xavi**
[ES/ES]; Montserrat, 66 Navarces, 08270
(ES). REOLLO, **Francisco** [ES/ES]; Ter
N 18-20, entr.1 - Terrassa, Barcelona 08223
(ES). GUITART, **Eduard** [ES/ES]; C/Ar-
quimedes 36, Barcelona 08030 (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 B60R 25/02

(11) WO 02/085678 (13) A1

(21) PCT/EP02/02843

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 101 19 267.3 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STEERING COLUMN LOCK FOR MO-
TOR VEHICLES

• DISPOSITIF DE VERROUILLAGE DE
COLONNE DE DIRECTION POUR VE-
HICULES AUTOMOBILES

(71) HUF HÜLSBECK & FÜRST GMBH &
CO. **KG** [DE/DE]; Steeger Strasse 17, 42551
Velbert (DE).

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

(72, 75) PIEPER, **Friedrich** [DE/DE]; Aventin-
strasse 20, 84513 Töging (DE).

(74) MENTZEL, **Norbert**; Kleiner Werth 34,
42275 Wuppertal (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60S 1/54

(11) WO 02/085679 (13) A1

(21) PCT/KR02/00748

(22) 23 Apr/avr 2002 (23.04.2002)

(25) ko (26) en

(30) 2001/22318 25 Apr/avr 2001 KR
(25.04.2001)

(30) 2002/17072 28 Mar/mar 2002 KR
(28.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN APPARATUS AND METHOD FOR
REMOVING MOISTURE

• APPAREIL ET PROCEDE DESTINES A
SUPPRIMER L'HUMIDITE

(71) DIONYX CO., LTD. [KR/KR]; 1344-13,
Seocho 2-dong, Seocho-ku, Seoul 137-861
(KR).

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

(72, 75) KANG, **Dong-Chual** [KR/KR]; 1110-1,
Kyodong-ri, Samnam-myun, Uiju-kun, Ul-
san-city 689-812 (KR). KANG, **Dong-Hyun**
[KR/KR]; Hwanggol Maoul Jookong 1-danji
102-205, Youngtong-dong 948-4, Pal-
dal-ku, Suwon-city 442-739, Kyungki-do
(KR). CHO, **Sang-Bock** [KR/KR]; Okhyun
Jookong Apt. 204-1504, Moogeo 2-dong,
Nam-ku, Ulsan-city 680-764 (KR).

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

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

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

(51)⁷ B60S 3/04

(11) WO 02/085680 (13) A1

(21) PCT/EP02/03782

(22) 5 Apr/avr 2002 (05.04.2002)

(25) de (26) de

(30) 201 06 592.4 17 Apr/avr 2001 DE
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TEXTILE STRIP CURTAIN FOR CAR
WASH SYSTEMS

• RIDEAU DE BANDES TEXTILES
POUR INSTALLATIONS DE LAVAGE
DE VEHICULES

(71, 72) KOHLRUSS, **Gregor** [DE/DE]; Pa-
ter-Eugen-Breitensteinstrasse 1, 46325
Borken (DE). WIESNER, **Hubert** [DE/DE];

Grüner Weg 21, 46354 Südlohn (DE).
GRIEBE, **Oliver** [DE/DE]; Heideweg 12,
46414 Rhede (DE).

(74) SCHNEIDERS & BEHRENDT; Hues-
trasse 23, Postfach 102365, 44723 Bochum
(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 B60T 1/00

(11) WO 02/085681 (13) A1

(21) PCT/US02/12572

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/839,990 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WHEEL LOCK FOR A WHEELCHAIR

• DISPOSITIF DE BLOCAGE DE ROUE
POUR FAUTEUIL ROULANT

(71) SUNRISE MEDICAL HHG INC.
[US/US]; 7477 East Dry Creek Parkway,
Longmont, CO 80503 (US).

(72) AMIROLA, **Jose, Angel, Otaola**; Guernica,
5 2° C, E-48460 Orduna (ES).

(74) GILLESPIE, **Ted, C.**; MacMillan, Sobanski
& Todd, LLC, 4th floor, One Maritime Plaza,
720 Water Street, Toledo, OH 43604 (US).

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

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

Published / Publiée : (b)

(51)⁷ B62B 1/00, 1/12

(11) WO 02/085682 (13) A1

(21) PCT/US02/12658

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,513 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FOLDING CART

• CHARIOT PLIABLE

(71, 72) KADY, **Darren** [US/US]; 6001 Mor-
gan's Glen Place, Glen Allen, VA 23059
(US).

(74) PARKER, **Sheldon, H.**; Parker & Deste-
fano, 300 Preston Avenue, Suite 300, Char-
lottesville, VA 22902 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 B62B 3/16, 3/02, B65D 21/04

(11) WO 02/085683 (13) A1

(21) PCT/US02/11250

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/839,018 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRAY AND DOLLY ASSEMBLY

- ENSEMBLE PLATEAU ET SOCLE ROULANT

(71) REHRIG PACIFIC COMPANY [US/US]; 4010 East 26th Street, Los Angeles, CA 90023 (US).

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

(72, 75) GRUBER, Robert, V. [US/US]; 139 Longfellow Avenue, Hermosa Beach, CA 90254 (US).

(74) CURCURI, Jeremy, J.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (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 B62B 5/04

(11) WO 02/085684 (13) A1

(21) PCT/GB02/01838

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109912.6 23 Apr/avr 2001 GB
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TROLLEY SECURITY WHEEL AND SYSTEM

- ROUE ET SYSTEME DE SECURITE DE CHARIOT

(71) FLEXELLO LIMITED [GB/GB]; 136 Edinburgh Avenue, Slough, Berkshire SL1 4SS (GB).

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

(72, 75) FELLOWS, Michael [GB/GB]; 39 Rooth Street, Wednesbury, West Midlands WS10 9QP (GB).

(74) BROWN, Fraser, Gregory, James 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 B62B 9/00

(11) WO 02/085685 (13) A1

(21) PCT/KR02/00750

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 2001/11974 U 25 Apr/avr 2001 KR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BABY CARRIAGE

- POUSETTE DE BÉBÉ

(71, 72) SHIN, Dong-Jun [KR/KR]; 353-1404, Toekye APT., Okcum-dong, Kunpo, Kyungki 435-058 (KR).

(74) JUNG, Kyung-Mo; Jung & Partners International Law & Patent Firm, 903 BYC bldg., 648-1, Yoksam-dong, Kangnam-ku, Seoul 135-911 (KR).

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

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

(51)⁷ B62B 11/00

(11) WO 02/085686 (13) A1

(21) PCT/US02/11334

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/838,063 19 Apr/avr 2001 US
(19.04.2001)

(30) 09/850,994 8 May/mai 2001 US
(08.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIDEBORD SYSTEM FOR A CAMERA DOLLY

- ENSEMBLE D'EXTENSION POUR CHARIOT DE CAMERA

(71) CHAPMAN/LEONARD STUDIO EQUIPMENT [US/US]; 12950 Raymer Street, North Hollywood, CA 91605 (US).

(72) CHAPMAN, Leonard, T.; 12950 Raymer Street, North Hollywood, CA 91605 (US).

(74) OHRINER, Kenneth, H. 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).

Published / Publiée : (c)

(51)⁷ B62D

(11) WO 02/085687 (13) A2

(21) PCT/US02/06898

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/839,913 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RACK AND PINION STEERING GEAR WITH LOW FRICTION ROLLER YOKE DESIGN

- DIRECTION A CREMAILLIERE AVEC TYPE DE POUSSOIR DE CYLINDRE A FAIBLE FRICTION

(71) TRW INC. [US/US]; 1900 Richmond Road, Lyndhurst, OH 44124 (US).

(72) ADAMS, Bobby, Joe; 2101 W. Main Street, Rogersville, TN 37857 (US). LITTLE, Scott, C.; 2101 W. Main Street, Rogersville, TN 37857 (US).

(74) TAROLLI, Thomas, L.; Tarolli, Sundheim, Covell, Tummino & Szabo, Suite 1111, 526 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 B62D 5/04, F16H 1/16, 57/02

(11) WO 02/085688 (13) A1

(21) PCT/EP02/02898

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 101 13 140.2 17 Mar/mar 2001 DE
(17.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTROMECHANICALLY ASSISTED STEERING SYSTEM FOR A VEHICLE

• DISPOSITIF D'ASSISTANCE DE DIRECTION ELECTROMECHANIQUE POUR VEHICULE

(71) ZF LENKSYSTEME GMBH [DE/DE]; Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANDL, Gerhard [DE/DE]; Hans-Kudlich-Strasse 55, 73529 Schwäbisch Gmünd (DE). RIEF, Klaus [DE/DE]; Im Letten 50, 73433 Aalen-Oberalfingen (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B62D 5/08, F16H 57/04

(11) WO 02/085689 (13) A1

(21) PCT/US02/06953

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/839,914 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDRAULIC POWER STEERING SYSTEM WITH RESERVOIR AND METHOD OF OPERATING SAME

• SYSTEME DE DIRECTION ASSISTEE HYDRAULIQUE AVEC RESERVOIR ET SON PROCEDE DE FONCTIONNEMENT

(71) TRW INC. [US/US]; 1900 Richmond Road, Lyndhurst, OH 44124 (US).

(72) SAARINEN, John; 6084 Whispering Oak Dr., Washington, MI 48094 (US). HUBER, David; 2567 State Route 37, Blountville, TN 37617 (US).

(74) TAROLLI, Thomas, L.; Tarolli, Sundheim, Covell, Tummino & Szabo, Suite 1111, 526 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 B62D 33/06, 27/04, B60G 25/00

(11) WO 02/085690 (13) A1

(21) PCT/US02/10888

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/838,990 21 Apr/avr 2001 US (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VEHICLE BODY SUSPENSION SYSTEM

• SYSTEME DE SUSPENSION POUR CARROSSERIE DE VEHICULE

(71) INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC. [US/US]; P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

(72) PUTERBAUGH, Benjamin, S.; 7002 Tiger Lily Place, Fort Wayne, IN 46835-9344 (US). TAYLOR, Michael, A.; 8311 Timber Lane, Lafayette, IN 47905-8235 (US). SATTER, Lucas, A.; 1848 1/2 California Avenue, Fort Wayne, IN 46805-5024 (US). MUSSELMAN, Mark, H.; 685 Lakes Edge Drive, Oxford, MI 48371-5230 (US).

(74) CALFA, Jeffrey, P. et al. / etc.; International Truck and Engine Corporation, P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B62D 55/24

(11) WO 02/085691 (13) A1

(21) PCT/CA02/00540

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 2,344,835 20 Apr/avr 2001 CA (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENDLESS BELT FOR USE WITH HEAVY DUTY TRACK VEHICLES

• COURROIE SANS FIN UTILISABLE POUR DES VEHICULES A CHENILLES LOURDS

(71) CAMOPLAST INC. [CA/CA]; 2995, boulevard Industriel, Sherbrooke, Quebec J1L 2T9 (CA).

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

(72, 75) LUSSIER, Alain [CA/CA]; 321, rue de l'Eglise, Saint-François-Xavier-de-Brompton, Quebec J0B 2V0 (CA).

(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montréal, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 55/253

(11) WO 02/085692 (13) A1

(21) PCT/JP02/03669

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-116444 16 Apr/avr 2001 JP (16.04.2001)

(30) 2001-214299 13 Jul/juil 2001 JP (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELASTIC ENDLESS CRAWLER

• CHENILLE SANS FIN ELASTIQUE

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

(72, 75) ISHIBASHI, Masaru [JP/JP]; c/o BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 61/12

(11) WO 02/085693 (13) A1

(21) PCT/SE02/00518

(22) 19 Mar/mar 2002 (19.03.2002)

(25) sv (26) en

(30) 0101097-4 28 Mar/mar 2001 SE (28.03.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ARRANGEMENT AND METHOD TO UNLOAD AUXILIARY WHEEL OF A MOTOR VEHICLE, AND A MOTOR VEHICLE
- SYSTEME ET PROCEDE DESTINES A DECHARGER UNE ROUE AUXILIAIRE D'UN VEHICULE A MOTEUR, ET VEHICULE A MOTEUR
- (71) SCANIA CV AB (PUBL) [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RONVALL, Lars [SE/SE]; Skirtorpsvägen 3, S-641 35 (SE).
- (74) FORSELL, Hans; Scania CV AB, Patents, S-151 87 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B62J 6/00
- (11) WO 02/085694 (13) A1
- (21) PCT/GB02/01767
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 0109724.5 20 Apr/avr 2001 GB (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BICYCLE LIGHT
- ECLAIRAGE DE BICYCLETTE
- (71, 72) BEARD, Daniel, John [GB/GB]; Woodside, West Common, Langley, Southampton SO45 1XL (GB).
- (74) TARGETT, Kenneth, Stanley; 48 Meadowsweet Way, Horton Heath, Hampshire SO50 7PD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B62K 3/00, B62B 5/00
- (11) WO 02/085695 (13) A1
- (21) PCT/IT02/00260
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) it (26) en
- (30) LE01U000004 23 Apr/avr 2001 IT (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TROLLEY FOR LUGGAGE OR OTHER LOADS
- CHARIOT POUR LE TRANSPORT DE BAGAGES ET D'AUTRES CHARGES
- (71, 72) NIMIS, Giuseppe [IT/IT]; Via Paduano, 16, I-72023 Mesagne (IT).
- (74) PIZZOLI, Antonio et al. / etc.; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B62M 1/14, A47C 1/02, 20/00, 7/50
- (11) WO 02/085696 (13) A1
- (21) PCT/US02/12528
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/839,634 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FOOTREST ASSEMBLY AND WHEEL-CHAIR THEREWITH
- ENSEMBLE DE REPOSE-PIED ET FAUTEUIL ROULANT
- (71) SUNRISE MEDICAL HHG INC. [US/US]; 7477 East Dry Creek Parkway, Longmont, CO 80503 (US).
- (72) AMIROLA, Jose, Angel, Otaola; Guernica, 5 2^a C, E-48460 Orduna (ES).
- (74) HITAFFER, Thedford, I.; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B63B 22/02
- (11) WO 02/085697 (13) A1
- (21) PCT/AU02/00502
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) PR 4489 19 Apr/avr 2001 AU (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMPROVED MOORING SYSTEM
- SYSTEME D'AMARRAGE AMELIORE
- (71, 72) DYHRBERG, Roger, Wayne, Richard [AU/AU]; 13 Possner Way, Henderson, Western Australia 6166 (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 B63B 25/20
- (11) WO 02/085698 (13) A1
- (21) PCT/SE02/00744
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) sv (26) en
- (30) 0101342-4 17 Apr/avr 2001 SE (17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE AT HOIST- AND LIFTABLE DECKS FOR CARS IN SHIPS
- DISPOSITIF EQUIPANT UN PONT-GARAGE MOBILE DE LEVAGE DE VOITURES DANS UN NAVIRE
- (71) TTS SHIPS EQUIPMENT AB [SE/SE]; Kämpegatan 3, S-411 04 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOGVALL, Mikael [SE/SE]; Box 53, S-430 93 Hälsö (SE). SAHLÉN, Hans [SE/SE]; Box 1064, S-430 85 Brännö (SE).
- (74) CEGUMARK AB; P O Box 53047, S-400 14 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B63C
- (11) WO 02/085699 (13) A2
- (21) PCT/US02/12400
- (22) 18 Apr/avr 2002 (18.04.2002)

- (25) en (26) en
- (30) 09/838,505 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LAND ANCHOR
• DISPOSITIF D'ANCRAGE TERRESTRE
- (71) REIDER COVE PRODUCTS [US/US]; 6476 Mondell Pine Circle, Las Vegas, NV 89146 (US).
- (72) BENINCASA, Frank, J.; 6476 Mondell Pine Circle, Las Vegas, NV 89146 (US). CAFARO, Benjamin, N.; 8538 Brownstone Court, Las Vegas, NV 89139 (US).
- (74) SULLIVAN, Stephen, T.; Sullivan Law Group, Suite 120, 5060 North 40th Street, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 B63H 9/04
- (11) WO 02/085701 (13) A1
- (21) PCT/US02/11744
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 09/834,986 14 Apr/avr 2001 US
(14.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SAIL AND METHOD OF MANUFACTURE THEREOF
• VOILE ET PROCEDE DE PRODUCTION ASSOCIE
- (71, 72) KISS, Aaron [US/US]; P.O. Box 7273, Fort Lauderdale, FL 33338 (US).
- (74) CROSBY, Kevin, P.; Brinkley, McNeerney, Morgan, Solomon & Tatum, LLP, 200 E. Las Olas Blvd., 19th Floor, Fort Lauderdale, FL 33301 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B63C 11/26
- (11) WO 02/085700 (13) A1
- (21) PCT/FR02/01331
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) fr (26) fr
- (30) 01/05588 20 Apr/avr 2001 FR
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TELECOMMUNICATION SYSTEM FOR DEEP-SEA DIVERS
• SYSTEME DE TELECOMMUNICATION POUR PLONGEURS SOUS-MARINS
- (71) FRANCE TELECOM SA [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR). SOCIETE CERTICOM INTERNATIONAL SARL [FR/FR]; Technopôle Anticipa, Parc Lannion Pégase, Bât. C, 8, rue F. Bienvenue-PB 418, F-22305 Lannion Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ATHIMON, Christian [FR/FR]; Keranchaudel, F-22140 Cavan (FR). PIEROT, Bruno [FR/FR]; 7, impasse des Monts de la Margeride, F-31240 L'Union (FR). GALINOTTI, Christian [FR/FR]; 2, rue Douriec, F-22660 Trelevenn (FR). TENDRON, Frédéric [FR/FR]; Hameau de Kerellec, Rue du Quellen, F-22560 Trebeurden (FR).
- (74) MAILLET, Alain; Cabinet Le Guen & Maillet, 5, place Newquay, Boîte postale 70250, F-35802 Dinard 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
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ B63H 21/22
- (11) WO 02/085702 (13) A1
- (21) PCT/GB02/01840
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 0109780.7 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BOAT CONTROL DEVICE
• DISPOSITIF DE COMMANDE DE BATEAU
- (71) SEALINE INTERNATIONAL LIMITED [GB/GB]; Whitehouse Road, Kidderminster, Worcestershire DY10 1HT (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRIFFIN, Colin, George [GB/GB]; c/o Sealine International Limited, Whitehouse Road, Kidderminster, Worcestershire DY10 1HT (GB). WAINWRIGHT, Gerard, Bernard [GB/GB]; Hargrove, Wall under Heywood, Church Stretton, Shropshire SY6 7DP (GB).
- (74) PRICE, Paul, Anthony, King 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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- Published / Publiée : (c)
- (51)⁷ B63H 23/30, 23/06
- (11) WO 02/085703 (13) A1
- (21) PCT/GB01/05399
- (22) 7 Dec/déc 2001 (07.12.2001)
- (25) en (26) en
- (30) 0109842.5 21 Apr/avr 2001 GB
(21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DUAL SPEED TRANSMISSION FOR PROPELLERS
• TRANSMISSION A DEUX VITESSES POUR PROPULSEURS
- (71, 72) HALLEY, Ian [GB/GB]; 29 Lady Green Lane, Ince Blundell, Hightown, Liverpool L38 1QB (GB).
- (74) ROYSTONS; Tower Building, Water Street, Liverpool L3 1BA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 B64B
- (11) WO 02/085704 (13) A2
- (21) PCT/RU02/00184
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) ru (26) ru
- (30) 2001110724 23 Apr/avr 2001 RU
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • AIRCRAFT
• AERONEF
- (71, 72) CHEKAEV, Anatoly Michailovich [RU/RU]; ul. Azovskaya, 33-1-67, Moscow, 113452 (RU).
- (74) PEVTSOV, Dmitry Alexandrovich; ul. B.Pereyaslavskaya, 5-1-28, Moscow, 129110 (RU).

(81) 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 B64C 27/51

(11) WO 02/085705 (13) A1

(21) PCT/US02/12643

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,024 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ROTOR SYSTEM VIBRATION ABSORBER

• ABSORBEUR DE VIBRATION DE SYSTEME ROTOR

(71) BELL HELICOPTER TEXTRON INC. [US/US]; P.O. Box 482, Fort Worth, TX 76101 (US).

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

(72, 75) SEHGAL, Ajay [US/US]; 22616 Avenmar Drive, Leonardtown, MD 20650 (US). COVINGTON, Cecil, E. [US/US]; 12625 Foster Circle, Azle, TX 76020 (US). SMITH, Michael, R. [US/US]; 1700 Tyler, Colleyville, TX 76034 (US). STAMPS, Frank, B. [US/US]; 4705 Mill Crossing West, Colleyville, TX 76034 (US). MARSHALL, Bryan [US/US]; 4209 Oak Country, Arlington, TX 76017 (US).

(74) WALTON, James, E. et al. / etc.; Hill & Hunn, LLP, Suite 1440, 201 Main Street, Fort Worth, TX 76102 (US).

(81) 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 B65B 1/04, 3/00, B67C 3/00

(11) WO 02/085706 (13) A1

(21) PCT/US02/12297

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,777 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BOTTLE VALVE

• VANNE DE BOUTEILLE

(71) INTOXIMETERS, INC. [US/US]; 8110 Lackland Road, St. Louis, MO 63114 (US).

(72) NAGEL, Steven, J.; 1752 Craig Road, St. Louis, MO 63146 (US).

(74) POLSTER, Philip, B.; 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.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/50, 47/02, B65D 65/46

(11) WO 02/085707 (13) A1

(21) PCT/GB02/01751

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109667.6 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PREPARING A WATER-SOLUBLE THERMEFORMED CONTAINER

• PROCEDE DE PREPARATION D'UN RECIPIENT THERMOFORME HYDROSOLUBLE

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

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

(72, 75) DUFFIELD, Paul, John [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) DICKSON, Elisabeth, Anne 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 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 B65B 31/02

(11) WO 02/085708 (13) A1

(21) PCT/US02/12134

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,392 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR PREPARING AN EVACUATED CONTAINER

• APPAREIL ET PROCEDE DE PREPARATION D'UN RECIPIENT MIS SOUS VIDE

(63) US 09/838,392 (CON) 19 Apr/avr 2001 (19.04.2001)

(71) TEMPRA TECHNOLOGY [US/US]; 6140 15th Street E., Bradenton, FL 34203 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SABIN, Cullen, M. [US/US]; 108 5th Street South, Bradenton Beach, FL 34217 (US). PAUL, Zbigniew, R. [US/US]; 6119 Stillwater Court, University Park, FL 34201 (US). SABIN, Martin, W. [US/US]; 6913 Eighth Street Court East, Sarasota, FL 34243 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 39/00, B67C 11/04

(11) WO 02/085709 (13) A1

(21) PCT/US02/03892

(22) 6 Feb/fév 2002 (06.02.2002)

(25) en (26) en

(30) 09/837,089 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VERSATILE POURING SYSTEM INCLUDING A FUNNEL AND SPOUTS

• SYSTEME D'ARROSAJE SOUPLE COMPRENANT UN ENTONNOIR ET DES ROBINETS

(71) HOPKINS MANUFACTURING CORPORATION [US/US]; 428 Peyton, Emporia, KS 66801 (US).

(72) INGRAM, Vicki; 1021 Sunrise Drive, Emporia, KS 66801 (US).

(74) LUEBBERING, Thomas, B.; Hovey Williams LLP, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 41/12, 9/10**
- (11) **WO 02/085710** (13) A1
- (21) PCT/JP02/03646
- (22) **12 Apr/avr 2002 (12.04.2002)**
- (25) ja (26) ja
- (30) 2001-116529 **16 Apr/avr 2001 JP (16.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FILLING METHOD, FILLING MACHINE, AND WRAPPING MATERIAL THEREFOR
• PROCEDE DE REMPLISSAGE, REMPLISSEUSE ET MATERIAU D'EMBALLAGE POUR CELLE-CI
- (71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70 Avenue General-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONNO, Hidetoshi** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP). **MORIYAMA, Yasuyuki** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP).
- (74) **SHIMIZU, Shozo**; c/o Intellectual Property Department, R & D, NihonTetra Pak K.K., 755-1, JinbaUenohara, Gotenba-shi, Shizuoka 412-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 51/18, B29C 65/30**
- (11) **WO 02/085711** (13) A1
- (21) PCT/EP02/04347
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) BO2001A000239 **23 Apr/avr 2001 IT (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS FOR HEAT-SEALING PLASTIC PACKAGINGS OR WRAPPING, FOR EXAMPLE PACKAGINGS WITH SETS OF ROLLS OF PAPER
• APPAREIL DE THERMOSCELLAGE D'EMBALLAGES PLASTIQUES, PAR EXEMPLE D'ENSEMBLES DE ROULEAUX DE PAPIER
- (71) **CASMATIC S.P.A.** [IT/IT]; Via Fattori, 4/6, I-40033 Casalecchio di Reno (IT).

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

- (72, 75) **CASSOLI, Stefano** [IT/IT]; Via Baracca, 10, I-40033 Caselecchio di Reno (IT). **GORRIERI, Giordano** [IT/IT]; Via Repubblica, 10, I-40065 Pianoro (IT).
- (74) **PORSIA, Attilio et al. / etc.**; Succ. Ing. Fischetti & Weber, 3/2, Via Caffaro, I-16124 Genova (IT).
- (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 **B65B 51/20, 25/14, B29C 65/10**
- (11) **WO 02/085712** (13) A1
- (21) PCT/EP02/04346
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) BO2001A000242 **23 Apr/avr 2001 IT (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS FOR THE HEAT SEALING OF THERMOPLASTIC PACKAGINGS OR WRAPPINGS
• APPAREIL DESTINE AU THERMOSCELLAGE D'EMBALLAGES OU DE CONDITIONNEMENTS THERMOPLASTIQUES
- (71) **CASMATIC S.P.A.** [IT/IT]; Via Fattori 4/6, I-40033 Casalecchio di Reno (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASSOLI, Stefano** [IT/IT]; Via Baracca 10, I-40033 Caselecchio di Reno (IT). **GORRIERI, Giordano** [IT/IT]; Via Repubblica 10, I-40065 Pianoro (IT). **BONAFE', Giorgio** [IT/IT]; Via Porrettana 472, I-40033 Casalecchio di Reno (IT).
- (74) **PORSIA, Attilio et al. / etc.**; Succ. Ing. Fischetti & Weber, 3/2, Via Caffaro, I-16124 Genova (IT).
- (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 **B65C 21/00, B65D 25/10, 21/02**
- (11) **WO 02/085713** (13) A1
- (21) PCT/US02/12494
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/284,476 **18 Apr/avr 2001 US (18.04.2001)**
- (30) 60/292,364 **21 May/mai 2001 US (21.05.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMPROVED CONTAINER AND LID ASSEMBLY
• ENSEMBLE AMELIORE DE RECIPIENT ET COUVERCLE PLASTIQUES
- (71) **NOTTINGHAM-SPIRK PARTNERS, LLC** [US/US]; 11310 Juniper Road, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NOTTINGHAM, John, R.** [US/US]; 19 East Hanna Lane, Bratenahl, OH 44108 (US). **SPIRK, John, W.** [US/US]; 7890 Brigham Road, Gates Mills, OH 44040 (US). **PANASEWICZ, Dale, A.** [US/US]; 15439 Sassafras Drive, Strongsville, OH 44136 (US). **STANCA, Nick, E.** [US/US]; 27012 Hilliard Blvd., Westlake, OH 44145 (US). **IREDELL, Robert, IV** [US/US]; 2208 Harcourt Drive, Cleveland Hts., OH 44106 (US). **FUTO, Dennis, M.** [US/US]; 16123 Healthwood Court, Strongsville, OH 44149 (US).
- (74) **LONGMUIR, Jeanne, E. 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).

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

- (51)⁷ **B65D**
- (11) **WO 02/085714** (13) A2
- (21) PCT/DE02/01429
- (22) **11 Apr/avr 2002 (11.04.2002)**
- (25) de (26) de
- (30) 201 07 295.5 **20 Apr/avr 2001 DE (20.04.2001)**
- (30) 102 16 297.2 **9 Apr/avr 2002 DE (09.04.2002)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BOTTLE, PARTICULARLY A BEVERAGE BOTTLE
• BOUTEILLE, NOTAMMENT BOUTEILLE DE BOISSON
- (71) **EISVOGEL NUTZEIS GMBH** [DE/DE]; Motzener Strasse 24, 12277 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURS, Ingo** [DE/DE]; Havensteinstrasse 16, 12249 Berlin (DE).
- (74) **HANNIG, Wolf, Cohausz Hannig Dawidowicz & Partner**, Friedlander Strasse 37, 12489 Berlin (DE).
- (81) AL AU BG BR BY CA CN CO CR CU CZ EC EE HR HU ID IL IN JP KR LT LV MA MX NO NZ PH PL RO RU SG SI SK TR UA US 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).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AL AU BG BR BY CA CN CO CR CU CZ EC EE HR HU ID IL IN JP KR LT LV MA MX NO NZ PH PL RO RU SG SI SK TR UA VN YU ZA EA (AM AZ BY KG KZ MD

RU TJ TM) 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 B65D

(11) WO 02/085715 (13) A2

(21) PCT/EP02/02987

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 201 04 828.0 20 Mar/mar 2001 DE (20.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONNECTING SYSTEM FOR FIXING A FLEXIBLE PLASTIC FILM TO THE SEALING COATING ON THE INSIDE OF THE TANK WALL OF A STORAGE TANK

- SYSTEME DE CONNEXION PERMETTANT DE FIXER UN FILM EN MATIERE PLASTIQUE SOUPLE DE REVETEMENT DE PROTECTION ANTI-FUITE SUR LA FACE INTERNE DE LA PAROI D'UN RESERVOIR DE STOCKAGE

(71) UTEK UMWELTSCHUTZTECHNOLOGIEN GMBH [DE/DE]; Einsteinstrasse, 06785 Oranienbaum (DE).

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

(72, 75) PIEHLER, Andreas [DE/DE]; Amselweg 26, 06849 Dessau (DE).

(74) TRAGSDORF, Bodo; Heinrich-Heine Strasse 3, 06844 Dessau (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085716 (13) A2

(21) PCT/SI01/00037

(22) 20 Dec/déc 2001 (20.12.2001)

(25) sl (26) en

(30) P-200100101 12 Apr/avr 2001 SI (12.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RAPIDLY COLLAPSIBLE MULTI-CELLULAR MOBILE ACCOMMODATION ASSEMBLY

- ENSEMBLE DE LOGEMENTS MOBILE A CELLULES MULTIPLES RAPIDEMENT DEMONTABLE

(71) IKOR B D.O.O. [SI/SI]; Sujica 74, 1356 Dobrova (SI).

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

(72, 75) BIRTIC, Franc [SI/SI]; Sujica 74, 1356 Dobrova (SI).

(74) BORSTAR, Dusan; Patent Attorney, Nova ulica 11, P.O. Box 74, 1230 Domzale (SI).

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

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

(51)⁷ B65D 1/00, 1/10, 1/12, 23/08, C23C 16/26, 16/27

(11) WO 02/085717 (13) A1

(21) PCT/JP02/03910

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121251 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GAS-BARRIER SYNTHETIC RESIN VESSEL, DEVICE FOR PRODUCING THE SAME, AND ARTICLE-RECEIVED GAS-BARRIER SYNTHETIC RESIN VESSEL

- RECIPIENT EN RESINE SYNTHETIQUE ETANCHE AUX GAZ, DISPOSITIF DE FABRICATION DUDIT RECIPIENT ET

(71) NISSEI ASB MACHINE CO., LTD. [JP/JP]; 4586-3, Koo, Komoro-shi, Nagano 384-8585 (JP).

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

(72, 75) SHIMADA, Kiyonori [JP/JP]; c/o NISSEI ASB MACHINE CO., LTD., 4586-3, Koo, Komoro-shi, Nagano 384-8585 (JP).

(74) INOUE, Hajime et al. / etc.; 2nd Floor, Ogikubo TM Bldg., 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) BR CN GB JP US.

(51)⁷ B65D 1/36, 43/02, 53/02, 81/18, A47F 10/06

(11) WO 02/085718 (13) A2

(21) PCT/EP02/04614

(22) 25 Apr/avr 2002 (25.04.2002)

(25) de (26) de

(30) 101 20 407.8 25 Apr/avr 2001 DE (25.04.2001)

(30) 101 28 932.4 18 Jun/juin 2001 DE (18.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER FOR FOOD, PARTICULARLY FOR SERVING, STORING AND TRANSPORTING FOOD, METHOD

FOR CLOSING A CONTAINER AND SYSTEM SUITABLE FOR APPORTIONING FOOD

- RECIPIENT POUR ALIMENTS CONÇU EN PARTICULIER POUR SERVIR, CONSERVER ET TRANSPORTER DES ALIMENTS, PROCEDE DE FERMETURE D'UN RECIPIENT ET SYSTEME ADEQUAT DE REPARTITION D'ALIMENTS

(71, 72) PAPPLER, Robert [DE/DE]; Robert-Bosch-Strasse 7, 84539 Ampfing (DE).

(74) KUNZ, Herbert; Thomas-Wimmer-Ring 17, 80539 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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 B65D 3/22, B31B 17/28, 7/00

(11) WO 02/085719 (13) A1

(21) PCT/FR02/01000

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/05597 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PACKAGING HAVING A CLOSED SECTION AND METHOD FOR THE PRODUCTION THEREOF

- EMBALLAGE DE SECTION FERMEE ET PROCEDE DE LEUR FABRICATION

(71, 72) DERRIEN, Bernard [FR/FR]; 38, rue Michelet, F-35700 Rennes (FR). NICOLAS, Jean-Marc [FR/FR]; 39, avenue du Général de Gaulle, F-35270 Combourg (FR).

(74) MAILLET, Alain; Cabinet Le Guen & Maillet, 5, place Newquay, Boîte postale 70250, F-35802 Dinard 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 TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/20, 5/42, 5/32

(11) WO 02/085720 (13) A2

(21) PCT/EP02/02526

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) 101 11 232.7 **8 Mar/mar 2001** DE
(08.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GASTIGHT FOOD PACKAGING AND METHOD FOR PRODUCTION THEREOF

• EMBALLAGE ALIMENTAIRE ETANCHE AUX GAZ ET SON PROCEDE DE PRODUCTION

(71) A & R CARTON GMBH [DE/DE]; Föllstrasse 16, 86343 Königsbrunn (DE). PTS CONSULTING AG [CH/CH]; Grenzweg 12B, CH-5234 Villigen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIETRICH, Jochen [DE/DE]; Libellenweg 7, 82223 Eichenau (DE). RÖMER, Kurt [DE/DE]; A & R Carton GmbH, Föllstrasse 4, 86343 Königsbrunn (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE-PARTNER-SCHAFT-PATENT- UND RECHTSANWALTSKANZLEI; Bavariaring 10, 80336 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).

Declarations / Déclarations :

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

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

(51)⁷ B65D 5/74, B31B 5/60

(11) WO 02/085721 (13) A1

(21) PCT/ES02/00190

(22) 18 Apr/avr 2002 (18.04.2002)

(25) es (26) es

(30) P 200100918 **19 Apr/avr 2001** ES
(19.04.2001)

(30) P 200200182 **28 Jan/jan 2002** ES
(28.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED BOX FITTED WITH A POURING SPOUT AND THE PRODUCTION METHOD THEREFOR

• BOITE AMELIOREE MUNIE D'UN BEC VERSEUR ET SON PROCEDE DE FABRICATION

(71, 72) HARTSUAGA URANGA, Juan, Inazio [ES/ES]; c/ Gernikako Arbola, 8 - 1^o B, E-20400 Tolosa (Gipuzkoa) (ES).

(74) RUIZ FRANCOS-FLOREZ, Alejandro; C/ Castelló, 20 - 4^o D, E-28001 Madrid (ES).

(81) AU BR CA CN IN JP 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 B65D 19/00, A01G 1/12, A63C 19/00, E01C 13/00

(11) WO 02/085722 (13) A1

(21) PCT/AU02/00512

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) PR 4556 **24 Apr/avr 2001** AU
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LIFTABLE TURFING SYSTEMS

• GAZONNIERES LEVABLES

(71) STRATHAYR PTY LTD [AU/AU]; Level 9, 3 Bowen Crescent, Melbourne, Victoria 3004 (AU).

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

(72, 75) CASIMATY, Gabriel [AU/AU]; Back Tea Tree Road, Richmond, Tasmania 7025 (AU).

(74) GRIFFITH HACK; GPO Box 1285K, 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 19/34, 19/00

(11) WO 02/085723 (13) A1

(21) PCT/FR02/01385

(22) 23 Apr/avr 2002 (23.04.2002)

(25) fr (26) fr

(30) 01/05425 **23 Apr/avr 2001** FR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HANDLING PALLET

• PALETTE DE MANUTENTION

(71, 72) MEYNARD, Joseph [FR/FR]; 14, rue Octave Mirbeau, F-11100 Narbonne (FR). VIDAL, Antoine [FR/FR]; 6bis, rue Paul-Brousse, F-11100 Narbonne (FR).

(74) RHEIN, Alain; Cabinet Brev & Sud, 2460, avenue Albert Einstein, F-34000 Montpellier (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 25/00

(11) WO 02/085724 (13) A1

(21) PCT/US02/12900

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/840,391 **23 Apr/avr 2001** US
(23.04.2001)

(43) 10/107,273 **26 Mar/mar 2002** US
(26.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UNDERGROUND RAKE STORAGE APPARATUS AND METHOD

• APPAREIL DE STOCKAGE SOUTERRAIN DE RATEAU ET PROCEDE ASSOCIE

(71, 72) CHRISTENSEN, Warren, J. [US/US]; 2930 Oakview Circle, Salt Lake City, UT 84121 (US).

(72) CHRISTENSEN, Jeffrey; 516 East 11125 South, Sandy, UT 84070 (US). COLTON, Kip, M.; 3974 W. Dean Drive, #A, West Valley City, UT 84120 (US). HAWS, Stephen, Matthew; 371 North 800 East, #3, Provo, UT 84606 (US). LAU, Michelle, Elaine; 942 N. University Avenue, #21, Provo, UT 84604 (US). LEHNARDT, Janet, Heidemarie; 265 North 700 East, Springville, UT 84663 (US). STAPLES, Kevin, David; 2162 North 40 West, #370, Provo, UT 84604 (US). ABU-OBEID, Alaa; 284 East 100 North, #4, Provo, UT 84606 (US). PUGH, Len; 801 North 1600 East, Mapleton, UT 84664 (US). MEYERS, Dave; 294 South 850 East, Kaysville, UT 84037 (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 US UZ VN YU ZA ZM ZW.

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

(11) WO 02/085725 (13) A1

(21) PCT/US02/12549

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,278 **23 Apr/avr 2001** US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STORAGE CONTAINER

• RECEPTACLE DE RANGEMENT

(71) BLACK & DECKER INC. [US/US]; 1423 Kirkwood Highway, Newark, DE 19805 (US).

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

(72, 75) PANGERC, James [US/US]; 2606 Ivy Place, Parkville, MD 21234 (US). SNIDER, Gregory, Scott [US/US]; 207 Woodland Drive, Bel Air, MD 21014 (US). FINDLE, Daniel, G. [US/US]; 19614 Old York Road, White Hall, MD 21161 (US). ERVIN, Jennifer, R. [US/US]; 107 East Lake Drive, Annapolis, Maryland 21403 (US). BAILEY, Timothy, B. [US/US]; 309 Pond View Court, Forest Hill, Maryland 21050 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 30/20

(11) WO 02/085726 (13) A1

(21) PCT/JP01/03358

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER FOR LIQUID

• CONTENEUR POUR LIQUIDE

(71) ASIA STENCIL PAPER CO., LTD. [JP/JP]; 7-18, Noishiki 2-chome, Gifu-shi, Gifu 500-8226 (JP).

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

(72, 75) SAKURADA, Masataka [JP/JP]; 96-18, Kitanaka 3-chome, Tokorozawa-shi, Saitama 359-1101 (JP).

(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).

(81) CN ID 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 B65D 30/24

(11) WO 02/085727 (13) A1

(21) PCT/JP02/03911

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-122197 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EVACUABLE BAG

• SAC VIDABLE

(71) KASHIWARA SEITAI CO., LTD. [JP/JP]; 13-5, Taiheiji 1-chome, Kashiwara-shi, Osaka 582-0017 (JP). YUGEN KAISHA APPEAL [JP/JP]; 14-4, Abemokuzaidanchi 1-chome, Sakurai-shi, Nara 633-0055 (JP). ISHIZAKI SHIZAI CO., LTD. [JP/JP]; 15-43, Asahi-gaoka 3-chome, Kashiwara-shi, Osaka 582-0026 (JP).

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

(72, 75) KOYANAGI, Yoshihiro [JP/JP]; c/o KASHIWARA SEITAI CO., LTD., 13-5, Taiheiji 1-chome, Kashiwara-shi, Osaka 582-0017 (JP).

(74) SAMEJIMA, Takenobu; Daika Kousan Bldg. 2F, 7-3, Kitahorie 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0014 (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 B65D 33/16, 33/38, B65B 55/06, 43/34, 7/02, B67B 7/02

(11) WO 02/085728 (13) A1

(21) PCT/US01/13185

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR ASEPTICALLY FILLING A CONTAINER

• APPAREIL ET PROCÉDE POUR REMPLIR UN CONTENANT DE MANIÈRE ASEPTIQUE

(71) SCHOLLE CORPORATION [US/US]; 19500 Jamboree Boulevard, Irvine, CA 92715 (US).

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

(72, 75) SAVAGE, Chester [US/US]; 6 Harvest, Irvine, CA 92604 (US).

(74) MILLER, Terry, L.; 24832 Via San Fernando, Mission Viejo, CA 92692 (US).

(81) 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 B65D 33/36, 33/38, B31B 19/84

(11) WO 02/085729 (13) A1

(21) PCT/SE02/00764

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0101440-6 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTAINER

• CONTENANT

(71) ECO LEAN RESEARCH & DEVELOPMENT A/S [DK/DK]; Holbergsgade 14, 2 sal tv, DK-1057 Köpenhamn K (DK).

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

(72, 75) ROSÉN, Åke [SE/SE]; Långövägen 23, S-257 30 Rydebäck (SE).

(74) AWAPATENT AB; Box 5117, S-200 711 Malmö (SE).

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

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 B65D 41/34

(11) WO 02/085730 (13) A1

(21) PCT/EP02/03482

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 01303665.2 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A CLOSURE

• BOUCHON

(71) CROWN CORK & SEAL TECHNOLOGIES CORPORATION [US/US]; 11535 S Central Avenue, Alsip, IL 60803-2599 (US).

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

(71) CARNAUDMETALBOX PLC [GB/GB]; Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).

(only for / seulement pour LS)

(72, 75) FERRY, Andrew [GB/GB]; 3d Wallace Street, Bannockburn, Stirlingshire, Central Scotland FK7 8JQ (GB). MCLENNAN, James [GB/GB]; 44 Standalane, Kincardine, Fife FK10 4NY (GB). SENIOR, David [GB/GB]; 38 Argyle Terrace, Dunblane, Perthshire, Tayside FK15 9DN (GB). SHARPE, John [GB/GB]; 63 Abbot Road, Stirling, Central Scotland FK7 7UQ (GB).

(74) SMITH, Debra, Jane, Clare; CarnaudMetalbox Plc, Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 41/34
(11) WO 02/085731 (13) A1
(21) PCT/JP02/03366
(22) 4 Apr/avr 2002 (04.04.2002)
(25) ja (26) ja
(30) 2001-114788 13 Apr/avr 2001 JP
(13.04.2001)
(30) 2001-126980 25 Apr/avr 2001 JP
(25.04.2001)
(30) 2002-51861 27 Feb/fév 2002 JP
(27.02.2002)
(30) 2002-51862 27 Feb/fév 2002 JP
(27.02.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SCREW CAP OF SYNTHETIC RESIN
• BOUCHON A VIS EN RESINE SYN-
THETIQUE
(71) YOSHINO KOGYOSHO CO.,LTD.
[JP/JP]; 2-6, Ojima 3-chome, Koto-ku,
Tokyo 136-8531 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) SHINOZAKI, Natsuo [JP/JP]; c/o
Yoshino Kogyosho Co., Ltd., 2-6, Ojima
3-chome, Koto-ku, Tokyo 136-8531 (JP).
(74) WATANABE, Kazutoyo; 25-8, Nakano
2-chome, Nakano-ku, Tokyo 164-0001 (JP).
(81) AU CA CN KR US.
(84) EP (DE FR GB IT NL).

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

- (51)⁷ B65D 47/34, B05B 11/00
(11) WO 02/085732 (13) A1
(21) PCT/FR02/01345
(22) 19 Apr/avr 2002 (19.04.2002)
(25) fr (26) fr
(30) 01/05367 20 Apr/avr 2001 FR
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR DISPENSING A DOSE OF
LIQUID OR GEL PRODUCTS
• DISPOSITIF POUR LE DOSAGE DE
PRODUITS LIQUIDES OU EN GEL
(71) REXAM SOFAB [FR/FR]; 15, bis route Na-
tionale, F-76470 Le Treport (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) BOUGAMONT, Jean-Louis [FR/FR];
73, avenue Charles-Gounod, F-76260 EU
(FR).
(74) INTES, Didier et al. / etc.; Cabinet Beau De
Lomenie, 158, rue de l'Université, F-75340
Paris Cedex 07 (FR).
(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 47/42, A45D 34/04
(11) WO 02/085733 (13) A2
(21) PCT/FR02/01377
(22) 22 Apr/avr 2002 (22.04.2002)
(25) fr (26) fr
(30) 01/05390 20 Apr/avr 2001 FR
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR APPLYING A PRODUCT
• DISPOSITIF D'APPLICATION D'UN
PRODUIT
(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) GUERET, Jean-Louis [FR/FR]; 27, ave-
nue Raymond Poincaré, F-75016 Paris (FR).
(74) NONY & ASSOCIES; 3, rue de Penthièvre,
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 B65D 50/06
(11) WO 02/085734 (13) A1
(21) PCT/IB02/01302
(22) 16 Apr/avr 2002 (16.04.2002)
(25) de (26) de
(30) BZ2001A000022 19 Apr/avr 2001 IT
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SAFETY CLOSURE FOR PNEUMATI-
CALLY OPENED CONTAINERS
• FERMETURE DE SECURITE POUR
RECIPIENT A OUVERTURE PNEU-
MATIQUE
(71) EXPER AUTOMATION S.P.A. [IT/IT];
Via Andriano 20, I-39018 Terlano (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) MOLON, Sergio [IT/IT]; Via Leopardi,
27, I-39012 Merano (IT).
(74) AUSSERER, Anton; Viale Stazione 7,
I-39100 Bolzano (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 51/24, B29C 45/00
(11) WO 02/085735 (13) A1
(21) PCT/SE02/00783
(22) 23 Apr/avr 2002 (23.04.2002)
(25) sv (26) en
(30) 0101411-7 23 Apr/avr 2001 SE
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CONTAINER LID FOR A RECLOS-
ABLE CONTAINER, A METHOD AND
AN APPARATUS FOR THE MANUFAC-
TURING OF THE LID
• COUVERCLE DE CONTENANT RE-
FERMABLE, PROCEDE ET APPAREIL
PERMETTANT LA FABRICATION
D'UN TEL COUVERCLE
(71) JOTIPAC AB [SE/SE]; Box 124, S-560 27
Tenhult (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) ABRAHAMSSON, Bertil [SE/SE];
Mauritz väg 25, S-565 32 Mullsjö (SE).
(74) ANDERSSON, Per et al. / etc.; Albhins
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 B65D 65/46, C11D 17/04, A47L 15/44
(11) WO 02/085736 (13) A1
(21) PCT/GB02/01755
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 0109675.9 20 Apr/avr 2001 GB
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PROCESS FOR PREPARING A WATER-
SOLUBLE CONTAINER
• PROCEDE DE PREPARATION D'UN
RECIPIENT HYDROSOLUBLE
(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough, Berk-
shire SL1 3UH (GB).

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

- (72, 75) **DUFFIELD, Paul, John** [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB). **GUZMANN, Marcus** [DE/DE]; Benckiser Produktions GmbH, Benckiserplatz 1, Ludwigshafen, 67059 (DE).
- (74) **DICKSON, Elisabeth, Anne, et al.** / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, East Yorkshire, 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 65/46, A61K 9/48, A01N 25/34

(11) WO 02/085737 (13) A1

(21) PCT/GB02/01756

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109710.4 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • WATER-SOLUBLE CONTAINER HAVING AT LEAST TWO OPENINGS
• ENVELOPPE SOLUBLE DANS L'EAU POURVUE D'AU MOINS DEUX OUVERTURES

(71) **RECKITT BENCKISER (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3HU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUZMANN, Marcus** [DE/DE]; Benckiser Produktions GmbH, Research & Development, Benckiserplatz 1, 67059 Ludwigshafen (DE). **HAMMOND, Geoffrey, Robert** [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) **DICKSON, Elisabeth, Anne 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; (u) for / pour US only / seulement

(51)⁷ B65D 65/46, 81/32

(11) WO 02/085738 (13) A1

(21) PCT/GB02/01786

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109690.8 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • WATER SOLUBLE CONTAINERS COMPRISING AT LEAST TWO COMPARTMENTS
• RECIPIENTS SOLUBLES DANS L'EAU CONTENANT AU MOINS DEUX COMPARTIMENTS

(71) **RECKITT BENCKISER (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUFFIELD, Paul, John** [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) **DICKSON, Elisabeth, Anne et al.** / etc.; Reckitt Benckiser plc, Group Patents Dept., 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).

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)

IE 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 B65D 71/00

(11) WO 02/085739 (13) A1

(21) PCT/US01/13199

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CARTON WITH TRANSVERSE STRAP HANDLE
• CARTON A POIGNEE SOUS FORME DE SANGLE TRANSVERSALE

(71) **THE MEAD CORPORATION** [US/US]; Legal Department, Courthouse Plaza, North-east, Dayton, OH 30080 (US).

(72) **OLIFF, James, R;** 530 Greystone Lane, Douglasville, GA 30134 (US). **BATES, Aaron;** 2431 Rachel Court, Marietta, GA 30066 (US). **BAXTER, Ronald, A;** 9608 Leatherwood Lane, Douglasville, GA 30135 (US). **HOLLEY, John, M, Jr;** 950 Brentwood Avenue, Lawrenceville, GA 30244 (US).

(74) **DREW, Michael, V. et al.** / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 73/00

(11) WO 02/085740 (13) A1

(21) PCT/US02/11657

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 09/837,668 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • BATTERY PACKAGE
• EMBALLAGE DE PILES

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIRRO, Jeffrey** [US/US]; 4235 Browning Lane, Marcellus, NY 13108 (US). **SCHWEITZER, Andrew, C.** [US/US]; 900 Eagle Lane - Apt. 7, Camillus, NY 13031 (US).

(74) **GEBAUER, Linda;** Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 75/30, A61F 13/00, A61J 1/00, B65D 75/58

(11) WO 02/085741 (13) A1

(21) PCT/US02/11826

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/837,838 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • TREATMENT ASSEMBLY
• ENSEMBLE DE TRAITEMENT

(71, 72) KERCHNER, Jeffrey [US/US]; 7 Stone Barn Road, Fleetwood, PA 19522 (US).

(74) LANDO, Peter, 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 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 B65D 75/34, 85/80

(11) WO 02/085742 (13) A1

(21) PCT/EP02/02178

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) 101 10 000.0 1 Mar/mar 2001 DE (01.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PACKAGING ARRANGEMENT FOR CONTAINERS MINIMISING PACKAGING MATERIALS AND TRANSPORT VOLUMES AND METHOD FOR PRODUCTION THEREOF
• SYSTEME D'EMBALLAGE DE RECIPIENTS PERMETTANT DE REDUIRE LE VOLUME DE MATERIAU D'EMBALLAGE ET DE TRANSPORT ET SON PROCEDE DE PRODUCTION

(71, 72) LASKOWSKI, Sigismund [DE/DE]; Kallstadter Strasse 127, 67065 Ludwigshafen (DE).

(74) MIERSWA, Klaus; Friedrichstrasse 171, 68199 Mannheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DE 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 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 B65D 75/36

(11) WO 02/085743 (13) A1

(21) PCT/SE02/00752

(22) 17 Apr/avr 2002 (17.04.2002)

(25) sv (26) en

(30) 0101433-1 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • BLISTER PACKAGE
• PLAQUETTE ALVEOLAIRE

(71, 72) WINBERG, Ragnar [SE/SE]; Silvåkrögatan 87, S-254 58 Helsingborg (SE).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 75/58

(11) WO 02/085744 (13) A1

(21) PCT/SE02/00766

(22) 19 Apr/avr 2002 (19.04.2002)

(25) sv (26) en

(30) 0101442-2 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FLEXIBLE CONTAINER AND METHOD FOR MANUFACTURING THE SAME
• RECIPIENT SOUPLE ET SON PROCEDE DE FABRICATION

(71) ECO LEAN RESEARCH & DEVELOPMENT A/S [DK/DK]; Holbergsgade 14, DK-1057 Copenhagen K (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSÉN, Åke [SE/SE]; Långövägen 23, S-257 30 Rydebäck (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65D 77/28

(11) WO 02/085745 (13) A1

(21) PCT/PT01/00006

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PACKAGING FOR LIQUIDS
• EMBALLAGES POUR LIQUIDES

(71, 72) NEVES, Mário, José, Alegria [PT/PT]; Rua Quinta Eduardinho Ruas, Maceira, P-6270-212 Seia (PT).

(74) CRUZ, Jorge, Afonso; Rua Vitor Cordon, 14, P-1249-103 Lisboa (PT).

(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 B65D 81/00

(11) WO 02/085746 (13) A2

(21) PCT/US01/21763

(22) 10 Jul/juil 2001 (10.07.2001)

(25) en (26) en

(30) 09/841,015 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CARRIER FOR COILED FILAMENTS
• SUPPORT POUR FILAMENTS SPIRALES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) HIGBEE, Thomas A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). AFFLERBAUGH, Martin; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) BALL, Alan et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 B65D 81/26, 30/24, B31B 1/00, 1/84
(11) WO 02/085747 (13) A1
(21) PCT/JP02/01781
(22) 27 Feb/fév 2002 (27.02.2002)
(25) ja (26) ja
(30) 2001-118415 17 Apr/avr 2001 JP (17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PLASTIC FILM FOR PACKAGING WITH CHECK VALVE AND METHOD OF MANUFACTURING THE PLASTIC FILM
• FILM PLASTIQUE D'EMBALLAGE A CLAPET ANTIRETOUR ET PROCEDE DE FABRICATION D'UN TEL FILM PLASTIQUE
- (71, 72) TANAKA, Hisashi [JP/JP]; Pastre-Tenri 1129, 223 Sashiyana-gi-Cho, Tenri-Shi, Nara 632-0093 (JP).
- (74) MORISHITA, Takekazu; Sanmoto Building, 2-18, Minamihommachi 4-Chome, Chuo-ku, Osaka-Shi, Osaka 541-0054 (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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 81/32, F25D 5/02, 31/00
(11) WO 02/085748 (13) A1
(21) PCT/IT02/00255
(22) 22 Apr/avr 2002 (22.04.2002)
(25) it (26) en
- (30) PD2001A000096 23 Apr/avr 2001 IT (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A SELF-COOLING CONTAINER, PARTICULARLY FOR BEVERAGES
• RECIPIENT AUTO-REFROIDISSANT DESTINE EN PARTICULIER AUX BOISSONS
- (71) GUIDA & C. S.P.A. [IT/IT]; Riviera di Chiaia, 264, I-80121 Napoli (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUIDA, Francesco [IT/IT]; Riviera di Chiaia, 264, I-80121 Napoli (IT). BENINI, Antonio [IT/IT]; Vicolo S. Pelaio, 4, I-31100 Treviso (IT).
- (74) CANTALUPPI, Stephano et al. / etc.; c/o Cantaluppi & Partners S.r.l., Via Matteotti, 26, 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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 :
(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 ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ B65D 81/38
(11) WO 02/085749 (13) A1
(21) PCT/GB02/01822
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 0109764.1 20 Apr/avr 2001 GB (20.04.2001)
(30) 0206245.3 18 Mar/mar 2002 GB (18.03.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COLLAPSIBLE TRANSPORT CONTAINER
• RECIPIENT DE TRANSPORT PLIABLE
- (71) COURIER COOL LIMITED [GB/GB]; Unit 76, Lincoln Road, Highbury Wycombe, Buckinghamshire HP12 3RH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TATTAM, Edwin, Francis [GB/GB]; Magpies, Grubbins Lane, Speen, Buds. HP27 0SH (GB). HILLS, Robin, William [GB/GB]; 45 New Road, Stokenchurch, Buckinghamshire HP14 3RT (GB).
- (74) CLAYTON-HATHWAY, Anthony, Nicholas 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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 83/76, 77/00, B05C 17/00
(11) WO 02/085750 (13) A1
(21) PCT/US01/24198
(22) 31 Jul/juil 2001 (31.07.2001)
(25) en (26) en
(30) 09/812,149 19 Mar/mar 2001 US (19.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PACKAGE AND DISPENSER FOR HEAT SOFTENABLE MOISTURE CURABLE MATERIALS
• EMBALLAGE ET DISTRIBUTEUR POUR MATERIAUX DURCISSABLES A L'HUMIDITE ET MALLEABLES A LA CHALEUR
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) SCHOUTEN, Gerald, P.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). PEARSON, Walter, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) HUEBSCH, William, L. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 85/57
(11) WO 02/085751 (13) A1
(21) PCT/AU02/00503
(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en
(30) PR 4519 20 Apr/avr 2001 AU
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PACKAGE
• EMBALLAGE

(71) HAMPTON CORPORATION PTY LIM-
ITED [AU/AU]; PO Box 747, NEWPORT,
New South Wales 2106 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MORRIS, Andrew [AU/AU]; PO Box
747, NEW PORT, New South Wales 2106
(AU).

(74) GRIFFITH HACK; GPO Box 4164, Syd-
ney, NSW 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 ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 85/62

(11) WO 02/085752 (13) A1

(21) PCT/BE02/00042

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 2001/0191 22 Mar/mar 2001 BE
(22.03.2001)

(30) 2002/0184 13 Mar/mar 2002 BE
(13.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PACKAGING SECURE
DOCUMENTS
• PROCEDE D'EMBALLAGE DE DOCU-
MENTS SECURISES

(71) SPIRAL SPRL [BE/BE]; Avenue Albert
114, B-1190 Bruxelles (BE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SPINOY, Francis [BE/BE]; Avenue Al-
bert 114, B-1190 Bruxelles (BE).

(74) BUREAU COLENS SPRL; Rue Franz Mer-
jay 21, B-1050 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).

Published / Publiée : (c)

(51)⁷ B65D 85/676, B65M 49/20

(11) WO 02/085753 (13) A1

(21) PCT/NO02/00120

(22) 22 Mar/mar 2002 (22.03.2002)

(25) no (26) en

(30) 20011660 3 Apr/avr 2001 NO
(03.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A DEVICE FOR AN END FASTENING
MOUTH PIECE

• DISPOSITIF D'OUVERTURE POUR
FIXATION D'EXTREMITE

(71) TEC CON AS [NO/NO]; Mekjarvik 14,
N-4070 Randaberg (NO).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) JOHNSEN, Jan, K. [NO/NO]; Ry-
fylkegt. 61 A, N-4014 Stavanger (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box
171, N-4302 Sandnes (NO).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 88/12, 90/50

(11) WO 02/085754 (13) A1

(21) PCT/FR02/01336

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05334 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ISO TANK CONTAINER WITH A RE-
TENTION TANK FOR TRANSPORT-
ING AND STORING CLASSIFIED
GOODS

• CONTENEUR CITERNE ISO AVEC
BAC DE RETENTION POUR LE
TRANSPORT ET LE STOCKAGE DE
MARCHANDISES CLASSIFIEES

(71) SMART [FR/FR]; 300, boulevard Jules Du-
rand, F-76600 Le Havre (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DUFRENE, Dominique [FR/FR]; Route
des Ecoliers, F-76610 Saint Sauveur d'Emal-
leville (FR).

(74) DE SAINT PALAIS, Arnaud; Cabinet
Moutard, 35, rue de la Paroisse, F-78000
Versailles (FR).

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

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

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

(51)⁷ B65D 90/12, 90/02, 1/02, 1/10, 23/00

(11) WO 02/085755 (13) A1

(21) PCT/US02/11788

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/284,795 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTI-FUNCTIONAL BASE
FOR A PLASTIC WIDE-MOUTH,
BLOW-MOLDED CONTAINER
• BASE MULTIFONCTIONNELLE POUR
CONTENANT PLASTIQUE MOULE
PAR SOUFFLAGE A LARGE BOUCHE

(71) GRAHAM PACKAGING COMPANY,
L.P. [US/US]; 2401 Pleasant Valley Road,
York, PA 17402 (US).

(72) TOBIAS, John, W.; 313 Wingate Court,
Millersville, PA 17551 (US). OGG, Richard,
K.; 464 Locust Lane, Littlestown, PA 17340
(US).

(74) BAK, William et al. / etc.; Howson and
Howson, Spring House Corporate Center,
P.O. Box 457, Spring House, PA 19477 (US).

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

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 90/24

(11) WO 02/085756 (13) A1

(21) PCT/EP02/02392

(22) 5 Mar/mar 2002 (05.03.2002)

(25) de (26) de

(30) 101 10 540.1 5 Mar/mar 2001 DE
(05.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • STORAGE CONTAINER FOR WATER-
ENDANGERING LIQUIDS
• RECIPIENT DE STOCKAGE POUR LI-
QUIDES DANGEREUX POUR L'EAU

(71) RUHR OEL GMBH [DE/DE]; Alexander-
von-Humboldt-Strasse, 45896 Gelsenkirchen
(DE).

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

(72, 75) NAGLER, Norbert [DE/DE]; Franken-
bogen 19, 45721 Haltern (DE). STOLZE,
Reiner [DE/DE]; Lehrweg 11, 46282
Dorsten (DE). WYCHLACZ, Werner
[DE/DE]; Schienenstege 36, 46514
Schermbek (DE).

(74) BERG, Dirk; Veba Oil Refining & Petro-
chemicals GmbH, Alexander-von-Humboldt-
Strasse, 45896 Gelsenkirchen (DE).

(81) CA JP US.

Published / Publiée : (c)

(51)⁷ B65F 1/06, 1/08, 1/16

(11) WO 02/085757 (13) A1

(21) PCT/NL02/00266

(22) 24 Apr/avr 2002 (24.04.2002)

(25) nl (26) en

(30) 1017922 24 Apr/avr 2001 NL
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • AN ASSEMBLY OF A CONTAINER
WITH AN INLINER
• ENSEMBLE CONTENEUR A HA-
BILLAGE INTERIEUR

(71) WIVA VERPAKKINGEN B.V. [NL/NL];
Sovereinstaat 1, NL-4903 RH Oosterhout
(NL).

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

(72, 75) VAN DER HEIJDEN, Johannes,
Arnoldus, Petrus [NL/NL]; Shermerhorn-
straat 30, NL-4908 DD Oosterhout (NL).
DIRVEN, Alain, Yves, Maris [NL/NL];
Krombeemd 47, NL-4907 DS Oosterhout
(NL).

(74) HOORWEG, Petrus, Nicolaas; Arnold &
Siedsma, Sweelinckplein 1, NL-2517 GK The
Hague (NL).

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

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

Published / Publiée : (c)

(51)⁷ B65F 1/16

(11) WO 02/085758 (13) A2

(21) PCT/EP02/04092

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 430.7 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • GARBAGE CONTAINER WITH A SEC-
ONDARY LID
• CONTENEUR À ORDURES DOTÉ
D'UN COUVERCLE SECONDAIRE

(71) SULO UMWELTECHNIK GMBH &
CO. KG [DE/DE]; Bündler Str. 85, 32051
Herford (DE).

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

(72, 75) FRÖHLINGSDORF, Udo [DE/DE];
Birkenweg 16, 57462 Olpe (DE).

(74) HANSMANN & VOGESER; Al-
bert-Rosshaupter-Strasse 65, 81369 München
(DE).

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

(84) 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 B65F 5/00

(11) WO 02/085759 (13) A2

(21) PCT/EP02/04463

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 201 06 954.7 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • WASTE DISPOSAL SYSTEM FOR WET
WASTE, PARTICULARLY FOR WASTE
FROM CATERING

- DISPOSITIF D'EVACUATION DE DE-
CHETS MOUILLES, CONÇU EN PAR-
TICULIER POUR DES DECHETS PRO-
VENANT DE CUISINES DE RESTAU-
RATION

(71) MEIKO MASCHINENBAU GMBH &
CO. [DE/DE]; Englerstr. 3, 77652 Offenburg
(DE).

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

(72, 75) KLEM, Peter [DE/DE]; Schlossergasse
19, 77694 Kehl-Marlen (DE). OTSCHIK,
Joachim [DE/DE]; Kiefernweg 21, 63741
Aschaffenburg (DE). FOSSEN, Björn
[NO/NO]; N-3820 Nordagutu (NO).

(74) BAUMANN, Eduard; Boehmert
& Boehmert, Postfach 1201, 85632
Höhenkirchen (DE).

(81) JP US.

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B65G

(11) WO 02/085760 (13) A2

(21) PCT/US02/11832

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/836,516 17 Apr/avr 2001 US
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • INTERMEDIATE DISCHARGE FOR
AN ENCLOSED ROLLER BELT CON-
VEYOR ASSEMBLY

- ENSEMBLE DE DECHARGE INTER-
MEDIAIRE POUR UN ENSEMBLE
BANDE TRANSPORTEUSE A ROU-
LEAUX FERME

(63) US 09/836,516 (CON)
17 Apr/avr 2001 (17.04.2001)

(71) CTB IP, INC. [US/US]; State Road 15 North,
Milford, IN 46542 (US).

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

(72, 75) DINGELDEIN, Mark, S. [US/US];
11237 North 320 West, Milford, IN 46542
(US). GINTER, Stephen, M. [US/US]; 1759
East Springfield Drive, Warsaw, IN 46580
(US).

(74) WARNER, Richard, W. 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 B65G 1/04, B66F 9/07

(11) WO 02/085761 (13) A1

(21) PCT/IT02/00271

(22) 24 Apr/avr 2002 (24.04.2002)

(25) it (26) en

(30) PO2001A000004 24 Apr/avr 2001 IT
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATED STORAGE PLANT

• INSTALLATION DE STOCKAGE AUTOMATISE

(71) IMMOBILIARE LA VALLUCCIA S.R.L.
[IT/IT]; Via Cavallotti, 24, I-59100 Prato (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GIRONI, Fabrizio [IT/IT]; Via del
Palco, 26/A, I-59100 Prato (IT). MAGHERI,
Luca [IT/IT]; Via Mascagni, 17, I-59100
Prato (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 1/06, 63/02

(11) WO 02/085762 (13) A1

(21) PCT/NL02/00254

(22) 18 Apr/avr 2002 (18.04.2002)

(25) nl (26) en

(30) 1017878 19 Apr/avr 2001 NL
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR FORMING CON-
TAINER RACKS

• PROCEDE POUR FORMER DES CA-
SIERS POUR RECIPIENTS

(71) FOUNTAIN PATENTS B.V. [NL/NL]; Riv-
ium Quadrant 90, NL-2909 LC Capelle a/d
Ijssel (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOOGLAND, Hendricus, Antonius
[NL/NL]; Ganimesstraat 40, NL-1562 ZN
Krommenie (NL).

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

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 43/02

(11) WO 02/085763 (13) A1

(21) PCT/US02/08585

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 60/285,628 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SAFETY RELEASE IDLER ROLLER
FOR CONVEYORS

• SYSTEME DE GALET ROUE LIBRE
POUR CONVOYEUR

(71) NORTHWEST PRODUCT DESIGN,
LLC [US/US]; 4301 Staples Avenue, Coeur
d'Alene, ID 83815 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HORNE, Robert, A. [US/US]; 4301 Sta-
ples Avenue, Coeur d'Alene, ID 83815 (US).

(74) HENDRICKSEN, Mark, W.; Wells, St.
John P.S., 601 West First Avenue, Suite 1300,
Spokane, WA 99201-3828 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 69/28

(11) WO 02/085764 (13) A1

(21) PCT/US02/12306

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,092 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WEATHER SHIELD FOR BELOW A
DOCK LEVELER

• PROTECTION CLIMATIQUE POUR
ZONE SITUEE SOUS UN NIVELEUR
DE QUAI

(71) RITE-HITE HOLDING CORPORA-
TION [US/US]; 8900 North Arbon Drive,
Milwaukee, WI 53223 (US).

(72) ASHELIN, Charles, J.; 4984 Asbury Cir-
cle, Dubuque, IA 52002 (US). DIGMANN,
Charles, J.; 29624 State Road 11, Cuba City,
WI 53807 (US). THILL, Gregory, J.; 2746
Burden Ave., Dubuque, IA 52001 (US).

(74) STEPHENS, Paul, B.; Marshall, Gerstein &
Borun, Suite 6300, Sears Tower, 233 South
Wacker Drive, Chicago, IL 60606-6357 (US).

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

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

(11) WO 02/085765 (13) A1

(21) PCT/US02/13035

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,349 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REGISTER DEVICE FOR A SHEET
PICK-UP SYSTEM

• DISPOSITIF D'ENREGISTREMENT
POUR SYSTEME DE COLLECTE DE
FEUILLES

(71) A.B. DICK COMPANY [US/US]; 7400
Caldwell Avenue, Niles, IL 60714 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOODWIN, Eber, Lyle [US/US]; 911
E. Crabtree Drive, Arlington Hts., IL 60004-
2623 (US).

(74) SCHILLER, Thomas, P. et al. / etc.; Pearne
& Gordon LLP, 526 Superior Avenue East,
Suite 1200, 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
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 5/365

(11) WO 02/085766 (13) A1

(21) PCT/US02/11339

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 09/841,473 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TAKE-UP REEL WITH UNI-DIRECTIONAL SPEED GOVERNED RE-TRACTOR

• BOBINE RECEPTRICE COMPRENANT UN ENROULEUR UNIDIRECTIONNEL A REGULATION DE VITESSE

(71) COXWELLS, INC. [US/US]; 6720 South Clementine Court, Tempe, AZ 85283 (US).

(72) SAUDER, Gerald, D.; 6720 South Clementine Court, Tempe, AZ 85283 (US). BACA, Andre, J.; 6720 South Clementine Court, Tempe, AZ 85283 (US). KNOSALLA, Jeff; 6720 South Clementine Court, Tempe, AZ 85283 (US).

(74) TITUS, John, D. et al. / etc.; The Cavanagh Law Firm, Suite 2400, 1850 N. Central Avenue, Ste.2400, Phoenix, AZ 85004 (US).

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

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

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 B65H 19/22

(11) WO 02/085767 (13) A1

(21) PCT/US02/12409

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,944 20 Apr/avr 2001 US
(20.04.2001)(30) 10/125,872 18 Apr/avr 2002 US
(18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTIPLE FIXED-POSITION FILM CENTERWINDER AND METHOD FOR WINDING WEB MATERIAL

• ENROULEUR DE FILM CENTRAL, A POSITION FIXE MULTIPLE, ET PROCEDE POUR ENROULER DU TISSU

(71) DAVIS-STANDARD CORPORATION [US/US]; 1 Extrusion Drive, Pawcatuck, CT 06379 (US).

(72) PERRIGO, Michael, C.; 265 Bancroft Avenue, Staten Island, NY 10306 (US). LUH, Jei-hong; 19 Patterson Street, Kearny, NJ 07032 (US).

(74) TREMAIN, Kenneth, D.; Crompton Corporation, 199 Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B65H 35/00

(11) WO 02/085768 (13) A1

(21) PCT/NL02/00267

(22) 24 Apr/avr 2002 (24.04.2002)

(25) nl (26) en

(30) 1017933 24 Apr/avr 2001 NL
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR DISPENSING ADHESIVE TAPE

• APPAREIL DE DISTRIBUTION DE BANDE ADHESIVE

(71) INNOSEAL SYSTEMS INTERNATIONAL B.V.I.O. [NL/NL]; Rivium Quadrant 90, NL-2909 LC Capelle a/d IJssel (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANGERAK, Alfred [NL/NL]; Laan van Moerkerken 1, NL-3271 AH Mijnsheerenland (NL).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 35/00, 37/00

(11) WO 02/085769 (13) A1

(21) PCT/US02/13006

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 2001-126559 24 Apr/avr 2001 JP
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR ASSISTING THE APPLICATION OF ADHESIVE TAPE AND ADHESIVE TAPE APPLICATION METHOD

• DISPOSITIF PERMETTANT DE FACILITER LA POSE D'UN RUBAN ADHESIF ET PROCEDE DE POSE D'UN RUBAN ADHESIF

(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) KUBOTA, Masayuki [JP/JP]; 201 Greenforest, 90-1 Horikawa, Hadano, Kanagawa 259-1305 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ B65H 75/22, 75/28, 75/40

(11) WO 02/085770 (13) A1

(21) PCT/US02/12360

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,697 23 Apr/avr 2001 US
(23.04.2001)(30) 10/116,575 2 Apr/avr 2002 US
(02.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED CHRISTMAS LIGHT STORAGE DEVICE

• DISPOSITIF AMELIORE DE RANGEMENT DE GUIRLANDES LUMINEUSES DE NOEL

(71, 72) ROSE, Michael, L. [US/US]; 4720 N. Maple Grove Road, Boise, ID 83704 (US).

(74) KINNEAR, Brian et al. / etc.; Suite 3200, 555 17th Street, Denver, CO 80201 (US).

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

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

(51)⁷ B66B

(11) WO 02/085771 (13) A2

(21) PCT/US02/12514

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 101 19 478.1 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PEOPLE CONVEYOR WITH A BELT ELEMENT DRIVEN BY A DRIVE ELEMENT

• DISPOSITIF DE TRANSPORT DE PERSONNES DOTE D'UN ELEMENT COURROIE ENTRAINE PAR UN ELEMENT D'ENTRAINEMENT

(71) OTIS ELEVATOR COMPANY [US/US]; 10 Farm Springs, Farmington, CT 06032-2568 (US).

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

(72, 75) SPANNHAKE, Stefan [DE/DE]; Heiligenseestrasse 123, 13503 Berlin (DE). KUCKENBURG, Thomas [DE/DE]; Lange Str. 12, 29462 Wustrow (DE). HENKEL, Reinhardt [DE/DE]; Zeisgendorfer Weg 17, 13503 Berlin (DE).

(74) O'BRIEN, Sean, W.; Deputy Intellectual Property Counsel, Otis Elevator Company, Ten Farm Springs, Farmington, CT 06032 (US).

(81) CN JP US.

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ B66B 7/06, 7/08

(11) WO 02/085772 (13) A1

(21) PCT/US02/11925

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/837,825 18 Apr/avr 2001 US
(18.04.2001)(30) 10/036,678 21 Dec/déc 2001 US
(21.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELEVATOR LOAD BEARING TERMINATION ASSEMBLY

• ENSEMBLE DE FIXATION POUR UN PALIER PORTEUR D'ASCENSEUR

(71) OTIS ELEVATOR COMPANY [US/US]; 10 Farm Springs, Farmington, CT 06032-2568 (US).

(72) TRAKTOVENKO, Boris, T.; 16 Sledge-wood Road, Avon, CT 06001 (US). ERICSON, Richard, J.; 17 Hunting Hill, Southington, CT 06489 (US).

(74) O'BRIEN, Sean, W.; Ten Farm Springs, Farmington, CT 06032 (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 B66B 11/02, 5/00

(11) WO 02/085773 (13) A1

(21) PCT/JP01/03264

(22) 17 Apr/avr 2001 (17.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELEVATOR CAGE AND ELEVATOR

• CAGE D'ASCENSEUR ET ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) SHITAMIYA, Koji; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) TAKADA, Mamoru et al. / etc.; Takada, Kuzuno, Takahashi & Tanida, 5th Floor, Intec 88 Bldg., 20, Araki-cho, Shinjuku-ku, Tokyo 160-0007 (JP).

(81) CN JP KR.

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

(51)⁷ B66F 9/02

(11) WO 02/085774 (13) A1

(21) PCT/BR01/00053

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPOSITION APPLIED IN A SYSTEM FOR THE ELEVATION AND PLACEMENT OF CARBOYS

• DISPOSITIF UTILISE DANS UN SYSTEME POUR ELEVER ET PLACER DES BONBONNES EN POSITION

(71, 72) GRPPO, Edimilson, Lazaro [BR/BR]; Rua Dr Homem de Melo, 1109, CEP-05007-002 Sao Paulo, SP (BR).

(81) CA JP US.

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

(51)⁷ B67D 5/02, B65D 83/00, 47/24

(11) WO 02/085775 (13) A1

(21) PCT/GB02/01825

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109876.3 21 Apr/avr 2001 GB
(21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LIQUID INJECTOR SYSTEM

• SYSTEME D'INJECTEUR DE LIQUIDE

(71, 72) KUMAR, Neilan, Krishna [GB/GB]; 28 Hillcross Avenue, Morden, London, SM4 4EA (GB).

(74) BUTLER, Lance; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

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

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

(51)⁷ B67D 5/02, B65D 85/78, 85/60, A23G 9/28, 3/28

(11) WO 02/085776 (13) A2

(21) PCT/GB02/01932

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109940.7 23 Apr/avr 2001 GB
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPENSING MEANS

• MOYENS DE DISTRIBUTION

(71) MCGILL TECHNOLOGY LIMITED [GB/GB]; McGill Technology Building, Endeavour Park, London Road, Addington, West Maling, Kent ME19 5TW (GB).

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

(72, 75) MCGILL, Shane, Robert [GB/GB]; McGill Technology Building, Endeavour Park, London Road, Addington, West Maling, Kent ME19 5TW (GB).

(74) COWAN, David, Robert et al. / etc.; Whithers & 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 B81B 1/00, B01J 19/00, H01M 8/00

(11) WO 02/085777 (13) A2

(21) PCT/EP02/04411

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 19 609.1 21 Apr/avr 2001 DE
(21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR PRODUCING AND/OR
PREPARING A FUEL FOR A FUEL
CELL

• DISPOSITIF PERMETTANT DE PRO-
DUIRE ET / OU DE PREPARER UN
COMBUSTIBLE POUR UNE PILE A
COMBUSTIBLE

(71, 72) PRECHTL, Peter [DE/DE]; Pe-
ter-Putz-Strasse 8, 81241 München (DE).
HÖHN, Markus [DE/DE]; Pfarrer-Hob-
mair-Weg 7, 82041 Oberhaching (DE).
THEISEN, Sven [DE/DE]; Schneckenburg-
erstrasse 26, 81927 München (DE).

(72, 75) BARTSCH, Armin [DE/DE]; Cosi-
mastrasse 164, 81927 München (DE).
HAUSINGER, Günter [DE/DE]; Unter-
taxetweg 29, 82131 Gauting (DE).

(74) PRECHTL, Peter; Peter-Putz-Strasse 8,
81241 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 B82B 1/00, H01L 51/20, C30B 33/00

(11) WO 02/085778 (13) A1

(21) PCT/FR02/01326

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05314 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR THE PRODUCTION OF
ONE-DIMENSIONAL NANOSTRUC-
TURES AND NANOSTRUCTURES
OBTAINED ACCORDING TO SAID
METHOD

• PROCEDE DE FABRICATION DE NA-
NOSTRUCTURES UNIDIMENSION-
NELLES ET NANOSTRUCTURES
OBTENUES PAR CE PROCEDE

(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) D'ANGELO, Marie [FR/FR]; 65, rue
du Moulin-Vert, F-75014 Paris (FR). ARIS-
TOV, Victor [FR/FR]; 6, impasse du Verdun,
F-91400 Orsay (FR). DERYCKE, Vincent
[FR/US]; 13 Gates Avenue, Ossining, NY
10562 (US). SEMOND, Fabrice [FR/FR];
22 Place des Arcades, F-06250 MOUGINS
LE HAUT (FR). SOUKIASSIAN, Patrick
[FR/FR]; 18 Rue Alexandre Dumas, F-78470
SAINT REMY LES CHEVREUSE (FR).

(74) LEHU, Jean; c/o 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 C01B 3/22

(11) WO 02/085779 (13) A1

(21) PCT/US02/09309

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/837,503 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL CELL POWER PLANT
• CENTRALE ELECTRIQUE A PILES A
COMBUSTIBLE

(71) UTC FUEL CELLS, LLC [US/US]; 195
Governor's Highway, South Windsor, CT
06074 (US).

(72) CALLAGHAN, Vincent, M.; 40 Day Street,
West Granby, CT 06090 (US). LESIEUR,
Roger, R.; 14 Van Buren Road, Enfield, CT
06082 (US). MARGIOTT, Paul, R.; 32 Sele
Drive, South Windsor, CT 06074 (US).

(74) LAPOINTE, Gregory, P.; 900 Chapel
Street, Suite 1201, New Haven, CT
06510-2802 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 3/36

(11) WO 02/085780 (13) A1

(21) PCT/EP02/04189

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 101 20 375.6 25 Apr/avr 2001 DE
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REFORMER FOR A FUEL CELL

• REFORMEUR POUR PILE A COMBUS-
TIBLE

(71) WEBASTO THERMOSYSTEME IN-
TERNATIONAL GMBH [DE/DE];
Krailing Strasse 5, 82131 Stockdorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ERTMER, Konstanze [DE/DE];
Döbereinerstrasse 11B, 81247 München
(DE). LAMP, Peter [DE/DE]; Mainstrasse
25, 86916 Kaufering (DE). DEDIO, Horst
[DE/DE]; Ostpreussenstrasse 2, 82515 Wol-
fratshausen (DE).

(74) WIESE, Gerhard; Wiese & Konnerth,
Georgenstrasse 6, 82152 Planegg (DE).

(81) 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 : (c)

(51)⁷ C01B 3/38, 3/48, 3/50, 3/56, B01J 19/24,
8/06, 8/04, C01B 3/32

(11) WO 02/085781 (13) A1

(21) PCT/DE02/01285

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 083.2 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPACT STEAM REFORMER
• REFORMEUR COMPACT A VAPEUR

(71, 72) WÜNNING, Joachim, A. [DE/DE];
Berghalde 20, 71229 Leonberg (DE).

(74) RÜGER, BARTHELT & ABEL; Weber-
gasse 3, 73728 Esslingen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 3/38, 3/50, 3/56

(11) WO 02/085782 (13) A1

(21) PCT/FR02/01172

(22) 4 Apr/avr 2002 (04.04.2002)

(25) fr (26) fr

(30) 0104783 9 Apr/avr 2001 FR
(09.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PARTIAL CATALYTIC
OXIDATION OF HYDROCARBONS
FOR PRODUCING SYNTHETIC GAS
WITH LOW H₂/CO RATIO

- PROCEDE D'OXYDATION PARTIELLE CATALYTIQUE D'HYDROCARBURES POUR LA PRODUCTION DE GAZ DE SYNTHÈSE A FAIBLE RAPPORT H₂/CO
- (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) ILLY, Fabien [FR/US]; 1226 Grinnell Road, Wilmington, DE 19803 (US). CIEU-TAT, Denis [FR/FR]; 53, avenue Charles de Gaulle, F-92200 Neuilly Sur Seine (FR).
- (74) DUCREUX, Marie; L'Air Liquide, S.A., 75, quai d'Orsay, F-75321 Paris cedex 07 (FR).
- (81) AU CA 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 C01B 3/38, 3/56, 3/58, H01M 8/06, C01B 3/32
- (11) WO 02/085783 (13) A2
- (21) PCT/US02/12368
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,684 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTEGRATED FUEL PROCESSOR, FUEL CELL STACK AND TAIL GAS OXIDIZER WITH CARBON DIOXIDE REMOVAL
- DISPOSITIF DE TRAITEMENT DE COMBUSTIBLE INTEGRE, EMPILEMENT DE PILES A COMBUSTIBLE, ET DISPOSITIF D'OXYDATION DE GAZ RESIDUAIRES AVEC ELIMINATION DU DIOXYDE DE CARBONE
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 2613 Camino Ramon, San Ramon, CA 94583-4289 (US).
- (72) STEVENS, James, F.; 22111 Crossbrook Drive, Katy, TX 77450 (US).
- (74) WHITE, Carter, J.; 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).
- Published / Publiée : (c)
-
- (51)⁷ C01B 33/16
- (11) WO 02/085785 (13) A1
- (21) PCT/JP02/03784
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) ja (26) ja
- (30) 2001-117995 17 Apr/avr 2001 JP (17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PRODUCING INORGANIC POROUS MATERIAL
- PROCEDE PERMETTANT DE PRODUIRE UN MATERIAU POREUX ANORGANIQUE
- (71) TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Ryoji [JP/JP]; 2-22-6-208, Nishitsuga, Wakaba-ku, Chiba-shi, Chiba 264-0026 (JP). SATO, Satoshi [JP/JP]; 1-5-12-501, Fujimi, Chuo-ku, Chiba-shi, Chiba 260-0015 (JP). YACHI, Akiyuki [JP/JP]; Miharuso 1-B, 5-3-46, Todoroki-cho, Inage-ku, Chiba-shi, Chiba 263-0021 (JP).
- (74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (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 C01B 35/06, C07F 5/02
- (11) WO 02/085786 (13) A1
- (21) PCT/US02/12290
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,479 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR PREPARING TETRAFLUOROBORATE SALT AND INTERMEDIATES THEREOF
- PROCESSUS DE PREPARATION DE SEL DE TETRAFLUOROBORATE ET D'INTERMEDIAIRES DE CELUI-CI
- (71) LITHDYNE INTERNATIONAL [US/US]; 320 East Frontera Street, Anaheim, CA 92806 (US).
- (72) SMITH, Novis, W.; 412 South Perth Street, Philadelphia, PA 19147 (US). MC-CLOSKEY, Joel; 1935 Pemberton Street, Philadelphia, PA 19146 (US).
- (74) LEZDEY, John; Suite 302, 4625 East Bay Drive, Clearwater, FL 33764 (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 C01F 7/00
- (11) WO 02/085787 (13) A1
- (21) PCT/EP02/04352
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) de (26) de
- (30) 101 19 233.9 19 Apr/avr 2001 DE (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PRODUCING HYDROTALCITES
- PROCEDE DE PRODUCTION D'HYDROTALCITES
- (71) SÜD-CHEMIE AG [DE/DE]; Lenbachplatz 6, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EISGRUBER, Max [DE/DE]; Querstrasse 8, 84079 Bruckberg (DE). LADEBECK, Jürgen [DE/US]; 8210 Eagle Drive, Louisville, KY 40232 (US). KOY, Jürgen [DE/DE]; Geranienweg 3, 83109 Großkarolinenfeld (DE). SCHIEBLING, Hubert [DE/DE]; Seligenthaler Strasse 54, 84034 Landshut (DE). BUCKL, Wolfgang [DE/DE]; Hopfenstrasse 14, 85413 Hörgerthausen (DE). EBERT, Herrmann [DE/DE]; Am Buchenhang 18, 84036 Landshut (DE).
- (74) WESTENDORP, Michael; Splanemann Reitzner Baronetzky Westendorp, Rumfordstrasse 7, 80469 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

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

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

Published / Publiée : (c)

(51)⁷ C01F 11/18, C01B 33/12, C04B 14/02,
26/26, 2/10, C08L 95/00

(11) WO 02/085788 (13) A1

(21) PCT/EP02/04336

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 01303659.5 20 Apr/avr 2001 EP
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PROCESS FOR MINERAL CARBONA-
TION WITH CARBON DIOXIDE

- PROCEDE DE CARBONATATION MI-
NERALE AU MOYEN DE DIOXYDE DE
CARBONE

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).

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

(72, 75) GEERLINGS, Jacobus, Johannes,
Cornelis [NL/NL]; Badhuisweg 3, NL-1031
CM Amsterdam (NL). MESTERS, Car-
olus, Matthias, Anna, Maria [NL/NL];
Badhuisweg 3, NL-1031 CM Amsterdam
(NL). OOSTERBEEK, Heiko [NL/NL];
Badhuisweg 3, NL-1031 CM Amsterdam
(NL).

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

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

(11) WO 02/085789 (13) A2

(21) PCT/US02/12664

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,546 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MAGNESIUM DI-POT ASSIUM EDTA
COMPLEX AND METHOD OF ADMIN-
ISTRATION

- COMPLEXE DE MAGNESIUM DI-PO-
TASSIUM EDTA ET METHODE D'AD-
MINISTRATION

(71, 72) FELDMAN, Spencer [US/US]; 2599A
Olinda Road, Makawao, HI 06768 (US).

(74) KUPCHELLA, Mary, Lynne 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 DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM 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 C02F

(11) WO 02/085790 (13) A2

(21) PCT/JP02/03819

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 2001-120828 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • GAS DISSOLVED WATER PRODUC-
ING APPARATUS AND METHOD
THEREOF AND ULTRASONIC
CLEANING EQUIPMENT AND
METHOD THEREOF

- PROCEDE ET APPAREIL DE PRODUC-
TION D'EAU CONTENANT DU GAZ
DISSOUS, ET PROCEDE ET EQUIPE-
MENT DE NETTOYAGE AUX ULTRA-
SONS

(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) OZAWA, Suguru [JP/JP]; B-102, 786-1,
Hirado-cho, Totsuka-ku, Yokohama-shi,
Kanagawa 244-0803 (JP). SHINJO, Ryoichi
[JP/JP]; 1423-620, Futoo-cho, Kouhoku-ku,
Yokohama-shi, Kanagawa 222-0031 (JP).
HARADA, Minoru [JP/JP]; 3-1-11, Mi-
dorigaoka, Ninomiya-machi, Naka-gun,
Kanagawa 259-0132 (JP). SAITO, Takayuki
[JP/JP]; 4-5-7, Shinomiya, Hiratsuka-shi,
Kanagawa 254-0014 (JP). SASAKI, Kenichi
[JP/JP]; 1-15-17, Kugenmamatsugaoka,
Fujisawa-shi, Kanagawa 251-0038 (JP).
MURAKAWA, Keiichi [JP/JP]; 1-22-9-410,
Shinkamata, Ohta-ku, Tokyo 144-0054
(JP). SHIMAMURA, Kazuhide [JP/JP];
990-103, Hamanogo, Chigasaki-shi, Kana-
gawa 253-0086 (JP).

(74) ITOH, Shigeru; YUASA AND HARA,
Section 206, New Ohtemachi Bldg., 2-1,
Ohtemachi 2-chome, Chiyoda-ku, Tokyo
100-0004 (JP).

(81) KR US.

(84) EP (DE FR IT).

(51)⁷ C02F

(11) WO 02/085791 (13) A2

(21) PCT/US02/12923

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,846 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PCR-BASED MONITORING IN
WASTEWATER BIOTREATMENT SYS-
TEMS

- CONTROLE FONDE SUR UNE REAC-
TION PCR DANS DES SYSTEMES DE
BIOTRAITEMENT DES EAUX USEES

(71) MONSANTO TECHNOLOGY LLC
[US/US]; 800 North Linbergh Blvd., St.
Louis, MO 63187 (US).

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

(72, 75) CARSON, David, B. [US/US]; 7124
Cambridge Ave., St. Louis, MO 63130 (US).
RICE, James, F. [US/US]; 1201 Crooked
Creek Dr., St. Louis, MO 63304 (US).

(74) VALOIR, Tamsen; Jenkens & Gilchrist,
1100 Louisiana, Ste. 1800, Houston, TX
77002 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 1/00, A23C 3/00, A23L 2/42, C12H
1/00

(11) WO 02/085792 (13) A1

(21) PCT/DK02/00263

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) PA 2001 00645 24 Apr/avr 2001 DK
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • AN APPARATUS AND A METHOD
FOR TREATING WATER OR OTHER
LIQUID MATERIAL AND A GUIDE
PLATE FOR USE IN A TUBE

- APPAREIL ET PROCEDE DE TRAIT-
EMENT DE L'EAU OU TOUTE AUTRE
SUBSTANCE LIQUIDE ET TOLE DE
GUIDAGE A UTILISER DANS UN
TUBE

(71, 72) BAK, Jørgen [DK/DK]; Laerkevej 43,
DK-9700 Brønderslev (DK).

(74) BUDDÉ, SCHOU & OSTENFELD A/S;
Vester Søgade 10, DK-1601 Copenhagen V
(DK).

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

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

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

Published / Publiée : (c)

(51)⁷ C02F 1/46, C25F 5/00

(11) WO 02/085793 (13) A1

(21) PCT/US02/12795

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/285,708 24 Apr/avr 2001 US (24.04.2001)

(30) 10/127,604 23 Apr/avr 2002 US (23.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEDIATED ELECTROCHEMICAL OXIDATION OF BIOLOGICAL WASTE MATERIALS

• OXYDATION ELECTROCHIMIQUE INDUITE DE SUBSTANCES DE DECHETS BIOLOGIQUES

(71) THE C & M GROUP, LLC [US/US]; 8225 Madrillon Estates Drive, Vienna, VA 22182 (US).

(72) CARSON, Roger, W.; 8225 Madrillon Estates Drive, Vienna, VA 22182 (US). BREMER, Bruce, W.; 18300 Feathertree Way, Montgomery Village, MD 20886-6318 (US).

(74) WRAY, James, C.; 1493 Chain Bridge Road, Suite 300, McLean, VA 22101 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/461

(11) WO 02/085794 (13) A1

(21) PCT/US02/12955

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/843,086 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM FOR PRODUCING ALKALINE DRINKING WATER PRODUCT

• SYSTEME DE PRODUCTION DE PRODUIT AQUEUX POTABLE ALCALIN

(71) ADVANCED H₂O, INC. [US/US]; 13226 Southeast 30th Street, Suite B-3, Bellevue, WA 98005 (US).

(72) ABRAMOWITZ, Robert, M.; 6170 West Mercer Way, Mercer Island, WA 98040 (US). ARNOLD, George; 11815 6th Place Southwest, Seattle, WA 98146 (US).

(74) PUNTIGAM, Clark, A.; 2033 6th Avenue #1020, Seattle, WA 98121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 C02F 1/467

(11) WO 02/085795 (13) A1

(21) PCT/DE02/01470

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 2001110768 24 Apr/avr 2001 RU (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR SYNTHESISING OXIDANTS FROM AQUEOUS SODIUM CHLORIDE SOLUTIONS

• PROCEDE ET DISPOSITIF DE SYNTHÈSE D'OXYDANTS ISSUS DE SOLUTIONS AQUEUSES DE CHLORURE DE SODIUM

(71) SCHWAGER, Erich [DE/DE]; Elsastrasse 8a, 13053 Berlin (DE).

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

(72, 75) GABLENKO, Wjatscheslav Gregorievitch [RU/RU]; Tverskaja Strasse 9, 41980 Dubna (RU).

(74) BITTNER, Thomas, L.; Boehmert & Boehmert, Meinekestrasse 26, 10719 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 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C02F 1/72

(11) WO 02/085796 (13) A1

(21) PCT/US02/12468

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/841,058 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR HYDROTHERMAL TREATMENT OF MATERIALS

• PROCEDE DE TRAITEMENT HYDROTHERMIQUE DE MATERIAUX

(71) GENERAL ATOMICS [US/US]; 3550 General Atomics Court, San Diego, CA 92121-1194 (US).

(72) SPRITZER, Michael, H.; 4090-6 Porte de Palmas, San Diego, CA 92122 (US). RICKMAN, William, S.; 873 Eugenie Avenue, Encinitas, CA 92024 (US). JOHANSON, Niles, W.; 6083 Via Regla, San Diego, CA 92122 (US). HONG, Glenn, T.; 18 Wachusett View Drive, Westborough, MA 01581 (US).

(74) NYDEGGER, Neil, K. et al. / etc.; Nydegger & Associates, 348 Olive Street, San Diego, CA 92103 (US).

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

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

(11) WO 02/085797 (13) A2

(21) PCT/EP02/04340

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 299.1 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR THE TREATMENT OF FLUIDS IN PARTICULAR FOR EFFLUENT PURIFICATION

• PROCEDE ET DISPOSITIF DE TRAITEMENT DE LIQUIDES, EN PARTICULIER D'EPURATION D'EAUX USEES

(71) NORDDEUTSCHE SEEKABELWERKE GMBH & CO. KG [DE/DE]; Kabelstrasse 9-11, 26954 Nordenham (DE).

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

(72, 75) BITTNER, Hans-Jürgen [DE/DE]; Walter-Rathenau-Straße 49, 26954 Nordenham (DE). ZERRER, Hartmut [DE/DE]; Steinachweg 10, 71069 Sindelfingen (DE).

(74) MÖLLER, Friedrich; Meissner, Bolte & Partner, Hollerallee 73, 28209 Bremen (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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/02

(11) WO 02/085798 (13) A1

(21) PCT/KR02/00709

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ko (26) en

(30) 2001/20654 18 Apr/avr 2001 KR (18.04.2001)

(30) 2002/21111 18 Apr/avr 2002 KR (18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS AND PLANT OF THE UBR FORMATION FOR WASTEWATER TREATMENT

• PROCEDE ET INSTALLATION DE FORMATION D'UBR POUR LE TRAITEMENT DES EAUX USEES

(71) ENVIRONMENTAL VISION 21, LTD. [KR/KR]; Korea Bldg., 789-6, Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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

(72, 75) CHOE, Hong-Bok [KR/KR]; 101, 521-16, Galhyun-dong, Eunpyung-ku, Seoul 122-050 (KR). KIM, Jong-Won [KR/KR]; 5th Floor., Korea Bldg., 789-6, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR). WON, Jong-Phil [KR/KR]; 5th Floor., Korea Bldg., 789-6, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR). WOO, Kwang-Hyun [KR/KR]; 5th Floor., Korea Bldg., 789-6, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(74) YOU ME PATENT & LAW FIRM; 825-33 Teheran Bldg., Yoksamdong, 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).

Published / Publiée : (c)

(51)⁷ C02F 3/16, 3/22, B01F 3/04

(11) WO 02/085799 (13) A1

(21) PCT/FR02/01314

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr

(26) fr

(30) 01/05292 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR STIRRING AND AERATING A LIQUID IN A TREATMENT VESSEL

• DISPOSITIF POUR BRASSER ET AERER UN LIQUIDE DANS UNE CUVE DE TRAITEMENT.

(71) INNOVA ENVIRONNEMENT [FR/FR]; -, 193 rue de Charost, F-44150 ANCENIS (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOULANT, Alain [FR/FR]; -, Barrage du Vioreau, Route de la Braudière, F-44440 JOUE-SUR-ERDRE (FR).

(74) CABINET JP COLAS; 37, avenue Franklin D. Roosevelt, F-75008 Paris (FR).

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

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

Published / Publiée : (c)

(51)⁷ C02F 3/30, 3/12

(11) WO 02/085800 (13) A1

(21) PCT/CZ02/00023

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) PV 2001-1450 23 Apr/avr 2001 CZ (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REACTOR FOR TREATMENT OF SEWAGE WATER BY ACTIVATED SLUDGE

• REACTEUR POUR TRAITER DES EAUX USEES AU MOYEN DE BOUES ACTIVEES

(71, 72) MACKRLE, Svatopluk [CZ/CZ]; Pavlíkova 5, 602 00 Brno (CZ). MACKRLE, Vladimír [CZ/SK]; Medvedovej 2700/21, 850 00 Bratislava (CZ).

(72, 75) DRACKA, Oldrich [CZ/CZ]; Lipová 25, 602 00 Brno (CZ).

(74) SEDLÁK, Zdenek et al. / etc.; Mendlovo nám. 1a, 603 00 Brno (CZ).

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

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

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

Published / Publiée : (c)

(51)⁷ C02F 3/32, 1/32, 1/78

(11) WO 02/085801 (13) A1

(21) PCT/US02/12808

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,001 19 Apr/avr 2001 US (19.04.2001)

(30) 09/940,977 28 Aug/août 2001 US (28.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PERIPHYTON FILTRATION PRE- AND POST-TREATMENT SYSTEM AND METHOD

• PROCEDE ET SYSTEME DE POST ET PRE-TRAITEMENT PAR FILTRATION PAR PERIPHYTON

(71) AQUAFIBER PACKAGING CORPORATION [US/US]; 1150 Louisiana Avenue, Suite 5C, Winter Park, FL 32789 (US).

(72) JENSEN, Kyle, R.; 9442 Bear Lake Road, Apopka, FL 32703 (US).

(74) LIVINGSTON, Edward, M.; 628 Ellen Drive, P.O. Box 1599, Winter Park, FL 32790 (US).

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

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

(11) WO 02/085802 (13) A1

(21) PCT/US02/11030

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/285,268 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR CONTROLLING IGNITABILITY OF ORGANIC WASTE WITH MINERAL BY-PRODUCTS

• PROCEDES POUR COMMANDER L'INFLAMMABILITE DE DECHETS ORGANIQUES AVEC DES SOUS-PRODUITS MINERAUX

(71) N-VIRO INTERNATIONAL CORP. [US/US]; 450 West Central Avenue, Suite 328, Toledo, OH 43606 (US).

(72) LOGAN, Terry, J.; 1814 Andover Road, Columbus, OH 43212 (US). FAULMAN, Ervin, Louis; 1323 Harvard Boulevard, Toledo, OH 43614 (US).

(74) **ALTMILLER, John, C. et al. / etc.;** Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/347, 9/48, 40/00

(11) WO 02/085803 (13) A1

(21) PCT/EP02/04385

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109886.2 21 Apr/avr 2001 GB (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GLASS HOLLOWARE PRODUCTION
• PRODUCTION D'ARTICLES CREUX EN VERRE

(71) **ESDALE LIMITED** [GB/GB]; Thomas Street, Bradford Road, Batley, West Yorkshire WF17 8PR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EASTWOOD, Frank** [GB/GB]; Cumbrai, Scotchman Lane, Morley, Leeds LS27 0NY (GB).

(74) **HARRISON GODDARD FOOTE**; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 33/085

(11) WO 02/085804 (13) A1

(21) PCT/JP01/10224

(22) 22 Nov/nov 2001 (22.11.2001)

(25) ja (26) ja

(30) 2001-117086 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CUTTING GLASS ROD AND CUTTING DEVICE FOR USE THEREIN

• PROCEDE DE DECOUPE DE VERRE ET DISPOSITIF CORRESPONDANT

(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) **SUGIYAMA, Takashi** [JP/JP]; c/o Kiyohara Sumiden Industries, Ltd., 18-5, Kiyoharakogyodanchi, Utsunomiya-shi, Tochigi 321-3231 (JP). **HABASAKI, Toshimi** [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0844 (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) AU CN ID 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 C03B 37/07, G01N 21/59

(11) WO 02/085805 (13) A1

(21) PCT/US02/09307

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/840,856 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MANUFACTURING OPTICAL GRATINGS
• PROCEDE DE FABRICATION DE RESEAUX OPTIQUES

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **DAVIS, Monica, K.**; 54 Harriet Avenue, Belmont, MA 02478-4415 (US).

(74) **SHORT, Svetlana, Z.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ 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 C03C

(11) WO 02/085806 (13) A2

(21) PCT/DE02/01441

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 165.0 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTIPLE-GLAZING PANE COMPRISING A TRANSPARENT SPACER
• VITRAGE MULTIPLE AVEC ECARTEUR TRANSPARENT

(71, 72) **GNAN, Karl-Heinz** [DE/DE]; Von-der-Vring-Strasse 13, 81929 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 C03C

(11) WO 02/085807 (13) A2

(21) PCT/EP02/04284

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 302.5 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR LASER BEAM-ASSISTED APPLICATION OF METAL IONS IN GLASS FOR PRODUCING COLORLESS AND COLOR PIXELS

• PROCEDE POUR INSERER DANS DU VERRE DES IONS METALLIQUES AU MOYEN D'UN LASER, ET REALISER AINSI DES PIXELS INCOLORES ET COLORES

(71) **BORA GLAS GMBH** [DE/DE]; Fachbereich Physik, Fachgruppe Exp. Physik 1, Martin Luther Universität Halle-Wittenberg, Friedemann-Bach-Platz 6, 06108 Halle/Saale (DE).
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(72, 75) **BOREK, Reinhard** [DE/DE]; Dohlenweg 7 b, 06110 Halle/Saale (DE). **BERG, Klaus-Jürgen** [DE/DE]; Feldrain 36, 06130 Halle/Saale (DE). **RAINER, Thomas** [DE/DE]; Nöschenröder Str. 81, 38855 Wernigerode (DE).

(74) **KÖHLER, Tobias**; Könnerritzstrasse 114, 04229 Leipzig (DE).

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

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

(51)⁷ C03C 3/06, G02B 1/00, H01L 21/027

(11) WO 02/085808 (13) A1

(21) PCT/JP02/03951

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121811 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-121812 19 Apr/avr 2001 JP (19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • QUARTZ GLASS MEMBER AND PROJECTION ALIGNER
• ELEMENT EN VERRE DE SILICE ET ALIGNEUR 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) KOMINE, Norio [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). YOSHIDA, Akiko [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). JINBO, Hiroki [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). FUJIWARA, Seishi [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) CN 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 C03C 17/245
- (11) WO 02/085809 (13) A2
- (21) PCT/US02/05260
- (22) 22 Feb/fév 2002 (22.02.2002)
- (25) en (26) en
- (30) 60/272,197 28 Feb/fév 2001 US (28.02.2001)
- (30) Not furnished / 14 Feb/fév 2002 US non communiqué (14.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PHOTO-INDUCED HYDROPHILIC ARTICLE AND METHOD OF MAKING SAME
• ARTICLE HYDROPHILE PHOTO-INDUIT ET PROCEDE DE FABRICATION DE CE DERNIER
- (71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) HARRIS, Caroline, S.; 921 Farragut Street, Pittsburgh, PA 15206 (US). SZANYI, Janos; 138 New Haven Court, Richland, WA 99352 (US).
- (74) STACHEL, Kenneth, J. et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 C04B 35/468, H01G 4/12, C04B 35/26
- (11) WO 02/085811 (13) A1
- (21) PCT/US02/10746
- (22) 5 Apr/avr 2002 (05.04.2002)
- (25) en (26) en
- (30) 09/833,752 11 Apr/avr 2001 US (11.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIELECTRIC COMPOSITIONS AND METHODS TO FORM THE SAME
• COMPOSITIONS DIELECTRIQUES ET LEURS PROCEDES DE PREPARATION
- (71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).
- (72) VENIGALLA, Sridhar; 5354 Princeton Road, Macungie, PA 18062 (US). SCHULTZ, Dorrin, L.; 31 Aspen Way, Schwenksville, PA 19473 (US).
- (74) CHEATHAM, Timothy, A.; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C04B 35/32, 35/40, H01F 1/10, C01G 49/00
- (11) WO 02/085810 (13) A1
- (21) PCT/FR02/01378
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) fr (26) fr
- (30) 0105569 25 Apr/avr 2001 FR (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR THE PRODUCTION OF FERRITE MAGNETS
• PROCEDE DE FABRICATION D'ALIMANTS DU TYPE FERRITE
- (71) UGIMAG SA [FR/FR]; Avenue d'Uriage, F-38830 Saint Pierre D'Allevard (FR).
- (72) MOREL, Antoine; 32bis, rue d'Harden-court, F-27000 Evreux (FR). TENAUD, Philippe; 148, chemin du Capitou, F-38190 Bernin (FR).
- (74) PIGASSE, Daniel; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C04B 35/596, 35/628
- (11) WO 02/085812 (13) A1
- (21) PCT/JP02/03864
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) ja (26) ja
- (30) 2001-121905 20 Apr/avr 2001 JP (20.04.2001)
- (30) 2001-222812 24 Jul/juil 2001 JP (24.07.2001)
- (30) 2001-222813 24 Jul/juil 2001 JP (24.07.2001)
- (30) 2001-222814 24 Jul/juil 2001 JP (24.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SILICON NITRIDE BASED COMPOSITE SINTERED PRODUCT AND METHOD FOR PRODUCTION THEREOF
• PRODUIT FRITTE COMPOSITE A BASE DE NITRURE DE SILICIUM ET SON PROCEDE DE PRODUCTION
- (71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIMURA, Masashi [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).
- (74) SAKAI, Masami et al. / etc.; Akasaka Office Heights, 13-5, Akasaka 4-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN US.
- (84) EP (DE FR GB).
-
- (51)⁷ C04B 37/00
- (11) WO 02/085813 (13) A1
- (21) PCT/DE02/01116
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) de (26) de
- (30) 101 19 631.8 20 Apr/avr 2001 DE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • JOINING MATERIAL BASED ON CERAMIC RAW MATERIALS AND RELATED METHOD
• MATERIAU DE JOINTOIEMENT A BASE DE MATIERE PREMIERE EN CERAMIQUE, ET PROCEDE Y RELATIF

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

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

(72, 75) **MENZLER, Norbert, Heribert** [DE/DE]; Linnicher Strasse 72, 52445 Titz (DE). **BUCHKREMER, Hans, Peter** [DE/DE]; Im Mühlenkamp 31, 52525 Heinsberg (DE). **STÖVER, Detlev** [DE/DE]; Taubenforst 9, 52382 Niederzier (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; 52425 Jülich (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 **C04B 38/00**

(11) **WO 02/085814** (13) A2

(21) PCT/US02/12866

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/285,810 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **METHOD OF MAKING WALL-FLOW MONOLITH FILTER**

• PROCEDE DE FABRICATION D'UN FILTRE MONOLITHIQUE A ECOULEMENT SUR PAROI

(71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

(72) **VANCE, Fredrick, W.**; 5105 Swede Avenue, Midland, MI 48642 (US). **WALLIN, Sten, A.**; 1917 Plymouth Street, Midland, MI 48642 (US).

(74) **NILSEN, Kevin, J.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 **C05F 9/04, 17/00**

(11) **WO 02/085815** (13) A1

(21) PCT/CH02/00219

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) de (26) de

(30) 737/01 **23 Apr/avr 2001 CH (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **METHOD FOR PRODUCING A MATERIAL WITH A GROUND CLAY AND**

GROUND ROCK BASE THAT PROMOTES PLANT GROWTH AND THE RESULTANT PRODUCT

• PROCEDE DE PRODUCTION D'UNE MATIERE A BASE D'ARGILE ET DE PIERRE FAVORISANT LA CROISSANCE DES PLANTES ET PRODUIT RESULTANT

(71) **IUP INSTITUT FÜR UMWELTPFLEGE AG** [CH/CH]; Hinterer Schermen 44, CH-3063 Ittigen (CH).

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

(72, 75) **BAUMANN, Gerhard** [CH/CH]; Quellenrain 32, CH-3063 Ittigen (CH).

(74) **Störzbach, M.**; 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 **C06B**

(11) **WO 02/085816** (13) A2

(21) PCT/US02/12477

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 09/840,909 **25 Apr/avr 2001 US (25.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **ENERGY DENSE EXPLOSIVES**

• EXPLOSIFS DENSES EN ENERGIE

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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

(72, 75) **JONES, John, W.** [US/US]; 8711 Bay Ridge Boulevard, Orlando, FL 32819 (US).

(74) **KEANE, Patrick, C.** et al. / etc.; 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **C06B 31/28, 33/04, 43/00, C06D 5/00, B60R 21/26**

(11) **WO 02/085817** (13) A1

(21) PCT/IP02/03881

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) ja (26) ja

(30) 2001-123086 **20 Apr/avr 2001 JP (20.04.2001)**

(30) 2001-300166 **28 Sep/sep 2001 JP (28.09.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **GAS GENERATOR COMPOSITION**

• COMPOSITION DE GENERATEUR DE GAZ

(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) **KUBO, Dairi** [JP/JP]; 3-14, Kitahirano 3-chome, Himeji-shi, Hyogo 670-0893 (JP). **SATO, Eishi** [JP/JP]; c/o Himeji Factory of, Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **IKEDA, Kenjiro** [JP/JP]; c/o Himeji Factory of, Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP).

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

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

(51)⁷ **C06C**

(11) **WO 02/085818** (13) A2

(21) PCT/US02/12803

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/286,165 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **NON-ELECTRIC DETONATOR**

• DETONATEUR NON ELECTRIQUE

(71) **THE ENSIGN-BICKFORD COMPANY** [US/US]; 660 Hopmeadow Street, Simsbury, CT 06070 (US).

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

(72, 75) **GLADDEN, Ernest, L.** [US/US]; 14 Evangeline Place, Granby, CT 06035 (US).

(74) **LIBERT, Victor, E.** et al. / etc.; Libert & Associates, 3 Mill Pond Lane, P.O. Box 538, Simsbury, CT 06070-0538 (US).

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

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07C

(11) WO 02/085819 (13) A2

(21) PCT/US02/11942

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/284,854 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PRODUCTION OF TERTIARY AMINES
BY REDUCTIVE AMINATION
• PRODUCTION D'AMINES TER-
TIAIRES PAR AMINATION REDUC-
TIVE

(71) BRISTOL-MYERS SQUIBB COMPANY
[US/US]; P.O. Box 4000, Rt. 206 & Province
Line Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GAO, Zhinong [CN/US]; 53 Cham-
plain Road, Monmouth Junction, NJ 08852
(US). CHEN, Chien-Kuang [US/US]; 58
Robertsville Road, Marlboro, NJ 07746 (US).

(74) BABCOCK, Timothy et al. / etc.; Bris-
tol-Myers Squibb Company, P.O. Box 4000,
Rt. 206 & Province Line 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 C07C

(11) WO 02/085820 (13) A2

(21) PCT/US02/12609

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,631 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CHIRAL ORGANIC COMPOUNDS
AND METAL COORDINATION COM-
PLEXES THEREOF
• COMPOSES ORGANIQUES CHIRAUX
ET COMPLEXES DE COORDINATION
METALLIQUES DE CEUX-CI

(71) INDIANA UNIVERSITY [US/US]; 1100
Waterway Boulevard, Suite 100, Indianapoli-
s, IN 46202 (US).

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

(72, 75) JOHNSTON, Jeffrey, N. [US/US]; 328
East Blue Ridge Drive, Bloomington, IN
47408 (US).

(74) HAGAN, Patrick, J. et al. / etc.; Dann Dorf-
man Herrell and Skillman, P.C., 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 PL PT RO RU SD
SE SG SI SK SL TJ TM 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

(11) WO 02/085821 (13) A2

(21) PCT/US02/12941

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,156 24 Apr/avr 2001 US
(24.04.2001)

(30) 60/338,789 24 Oct/oct 2001 US
(24.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • IN SITU RECOVERY FROM A RELA-
TIVELY PERMEABLE FORMATION
CONTAINING HEAVY HYDROCAR-
BONS
• RECUPERATION IN SITU A PARTIR
D'UNE FORMATION RELATIVEMENT
PERMEABLE CONTENANT DES HY-
DROCARBURES LOURDS

(71) SHELL OIL COMPANY [US/US]; Chris-
tensen, Del, P.O. Box 2463, Houston, TX
77252-2463 (US).

(72) VINEGAR, Harold, J.; 5219 Yarwell,
Houston, TX 77096 (US). WELLINGTON,
Scott, L.; 5109 Aspen Street, Bellaire, TX
77401-4938 (US). KARANIKAS, John,
M.; 4655 Wild Indigo Street, Apartment
302, Houston, TX 77027 (US). MAHER,
Kevin, A.; 5106 Huisache Street, Bellaire,
TX 77401 (US). RYAN, Robert, C.; 214
Cove Creek, Houston, TX 77042 (US).
SHAHIN, Gordon, T.; 4801 Cedar Street,

Bellaire, TX 77401 (US). KEEDY, Char-
lie, R.; 5118 Danebridge Drive, Houston,
TX 77084 (US). MADGAVKAR, Ajay,
M.; 3102 Bentgrass Drive, Katy, TX 77450
(US). MENOTTI, James, L.; 1810 Caroline,
Dickinson, TX 77539 (US). VAN HARDE-
VELD, Martijn; Badhuisweg 3, NL-1031
CM Amsterdam (NL). WARD, John, M.;
2231 Royal Adelaide Drive, Katy, TX 77450
(US). SUMNU-DINDORUK, Meliha,
D.; 13011 Fox Brush Lane, Houston, TX
77041 (US). ROBERTS, Bruce; 64 Hawk-
wood Hill NW, Calgary, Alberta T3G 3C6
(CA). VEENSTRA, Peter; 8507 Chipping
Rock Drive, Sugar Land, TX 77479 (US).
WATKINS, Wade; 17503 Bending Cypress
road, Cypress, TX 77429 (US). CRANE,
Steve; 2610 Spring Lake Drive, Richard-
son, TX 75082 (US). DE ROUFFIGNAC,
Eric; 4040 Ruskin, Houston, TX 77005
(US). STEGEMEIER, George, L.; 5819
Queensloch Drive, Houston, TX 77096 (US).
BERCHENKO, Ilya, E.; 2102 Pine Drive,
Friendswood, TX 77546 (US). ZHANG,
Etuan; 5425 Loch Lomond Drive, Hous-
ton, TX 77096 (US). FOWLER, Thomas,
D.; 634 Aldersgate Court, Katy, TX 77450
(US). COLES, John, M.; 703 Park Meadow
Drive, Katy, TX 77450 (US). SCHOELING,
Lanny; 2006 Emerald Loft Circle Drive,
Katy, TX 77450 (US). CARL, Fred, G.;
8406 Edgemoor Drive, Houston, TX 77036
(US). HUNSUCKER, Bruce, G.; 5149
Mockingbird Lane, Katy, TX 77493 (US).
BAXLEY, Philip, T.; 107 McTighe Drive,
Bellaire, TX 77401 (US). BIELAMOWICZ,
Lawrence, J.; 5223 Chestnut, Bellaire, TX
77401 (US). MESSIER, Margaret; 1404 4A
Street NW, Calgary, Alberta T2M 3B1 (CA).
PRATT, Kip; Box 4, Site 7, RR-1, Cochrane,
Alberta T4C 1A1 (CA). LEPPER, Bruce;
115 Waterloo Drive S.W., Calgary, Alberta
T3C 3G4 (CA). BASS, Ronald; 3772 Ingold
Street, Houston, TX 77005 (US). MIKUS,
Tom; 906 Coachlight Drive, Houston, TX
77077-1108 (US). GLANDT, Carlos; In-
sulindeweg 27, NL-2612 EL Delft (NL).

(74) MEYERTONS, Eric, B.; Conley, Rose &
Tayon, P.C., P.O. Box 398, Austin, TX 78767-
0398 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 13/62, 211/54, 211/61, C09K 11/06,
C07D 213/06, 333/08, 333/76, H05B 33/14,
33/22

(11) WO 02/085822 (13) A1

(21) PCT/JP02/03925

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121788 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPOUND FOR ORGANIC EL ELEMENT AND ORGANIC EL ELEMENT
 • COMPOSE DESTINE A UN ELEMENT ORGANIQUE ELECTROLUMINESCENT (EL) ET ELEMENT ORGANIQUE EL

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(72) FUJITA, Tetsuji; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). KITAGAWA, Sumiko; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). INOUE, Tetsushi; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) ISHII, Yoichi; Tenjin Iyasaka Kosan Bldg. 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

(81) CN KR.

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

(51)⁷ C07C 17/278, 19/16, B01J 23/72, 23/825, 35/02, C07B 61/00

(11) WO 02/085823 (13) A1

(21) PCT/JP02/03811

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118337 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR CONTINUOUS PRODUCTION OF A PERFLUOROALKYL IODIDE TELOMER

• PROCEDE DE PRODUCTION CONTINUE DE TELOMERE DE IODURE DE PERFLUOROALKYLE

(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) FUNAKOSHI, Yoshio [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). MIKI, Jun [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (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 C07C 17/42, 17/16, 21/22

(11) WO 02/085824 (13) A1

(21) PCT/EP02/04249

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 720.9 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR THE INTRINSICALLY SAFE HANDLING OF 3-CHLOROPROPYNE

• PROCEDE DE MANIPULATION INTRINSEQUEMENT SURE DE 3-CHLOROPROPYNE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) STAMM, Armin [DE/DE]; Am Wasserwerk 5, 55268 Nieder-Olm (DE). KNEUPER, Heinz-Josef [DE/DE]; Buchenweg 24, 67150 Niederkirchen (DE). RITTINGER, Stefan [DE/DE]; Lohengrinstrasse 37, 68199 Mannheim (DE). DRANSFELD, Peter [DE/DE]; Alleestrasse 55, 67308 Albsheim (DE). SCHILDBERG, Hans-Peter [DE/DE]; Geschwister-Scholl-Strasse 35, 67433 Neustadt (DE). HEILIG, Manfred [DE/DE]; Sudermannstrasse 4, 67061 Ludwigshafen (DE). WEBER, Theodor [DE/DE]; Virchowstrasse 20, 67063 Ludwigshafen (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 29/00

(11) WO 02/085825 (13) A2

(21) PCT/EP02/04250

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 719.5 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR HYDROGENATING CARBONYL COMPOUNDS

• PROCEDE D'HYDROGENATION DE COMPOSES CARBONYLES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) KOCH, Michael [DE/DE]; St-Guido-Strasse 6, 67346 Speyer (DE). MAAS, Steffen [DE/DE]; Weedestrasse 35, 55270 Bubenheim (DE). PÖPEL, Wolfgang, Jürgen [DE/DE]; Goerdelerweg 34, 64297 Darmstadt (DE). DERNBACH, Matthias [DE/DE]; Im Reigart 12, 69221 Dossenheim (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 C07C 29/132, 45/53

(11) WO 02/085826 (13) A2

(21) PCT/FR02/01367

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 0105384 20 Apr/avr 2001 FR (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR CATALYTIC DECOMPOSITION OF ORGANIC HYDROPEROXIDES

• PROCEDE DE DECOMPOSITION CATALYTIQUE DES HYDROPEROXYDES ORGANIQUES

(71) RHODIA POLYAMIDE INTERMEDIATES [FR/FR]; Avenue Ramboz, B.P. 33, F-69190 Saint-Fons (FR).

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

(72, 75) FACHE, Eric [FR/FR]; 33 A, Chemin des Petites Brosses, F-69300 Caluire et Cuire (FR). IGERSHHEIM, Françoise [FR/FR]; 7, rue Moissonnier, F-69003 Lyon (FR). BONNET, Didier [FR/FR]; 45, Boulevard des Canuts, F-69004 Lyon (FR). BASSET, Jean-Marie [FR/FR]; 18, Chemin J.B. Gillard, F-69300 Caluire et Cuire (FR). LEFEBVRE, Frédérique [FR/FR]; 18, rue du Tonkin, F-69100 Villeurbanne (FR). PETROFF SAINT-ARROMAN, Romain [FR/FR]; 10, Boulevard Poissonnière, F-75009 Paris (FR).

(74) ESSON, Jean-Pierre; Rhodia Services, Centre de Recherches de Lyon, B.P. 62, Direction de la Propriété Industrielle, F-69192 Saint-Fons (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 35/44, 29/76

(11) WO 02/085827 (13) A1

(21) PCT/FR02/01130

(22) 2 Apr/avr 2002 (02.04.2002)

(25) fr (26) fr

(30) 01/04493 3 Apr/avr 2001 FR (03.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • EXTRACT FROM THE PODS OF LUPIN SEEDS CONTAINING LUPEOL
• EXTRAIT DE COQUES DE GRAINES DE LUPIN CONTENANT DU LUPEOL
- (71) LABORATOIRES PHARMASCIENCE [FR/FR]; 10, avenue de l'Arche, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PICCIRILLI, Antoine [FR/FR]; 39 Avenue des Etats-Unis, F-78000 Versailles (FR). LEGRAND, Jacques [FR/FR]; Les Ferrettes, F-61290 Neuilly sur Eure (FR). BROUTIN, Nicole [FR/FR]; 21, rue Florimond Robertet, F-28800 Alluyes (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 VZ YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
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- (51)⁷ C07C 37/20, 39/16, B01J 31/40
(11) WO 02/085828 (13) A1
(21) PCT/US02/10545
(22) 3 Apr/avr 2002 (03.04.2002)
(25) en (26) en
(30) 09/681,527 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REGENERATION OF CATALYSTS USED IN THE MANUFACTURE OF BISPHENOLS
• REGENERATION DE CATALYSEURS SERVANT DANS LA FABRICATION DE BISPHENOLS
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) PEEMANS, Rudy, François, Alain, Joseph; Balkenstraat 60, B-3071 Erps-Kwerps (BE). KRUGLOV, Alexey; 7819 Chapel Hill Drive, Evansville, IN 47712 (US). SHAFFER, Sheldon, Jay; 10 Mann Boulevard, Clifton Park, NJ 12065 (US). MBELEDOGU, Chuks, O.; 4600 Woodstower Drive, Newburgh, IN 47630 (US). NANCE, Darlene, Hope; 7655 Sauerkraut Lane South, Mount Vernon, IN 47620 (US). BARO, Karl, Aaron; 11347 Old Lower Mount Vernon Road, Evansville, IN 47712 (US). GEORGIEV, Emil, Markov; 10 Thomas Drive, Wyantskill, NY 12198 (US). SCHALRMANN, Eduard, Hendricus; Hof van Wezemaal 12, NL-4624 JP Bergen op Zoom (NL). KISSINGER, Gaylord, Michael; 516 Pleasant View Drive, Evansville, IN 47711 (US).
- (74) SNYDER, Bernard 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 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 VZ YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 39/12, 37/11, 49/653, 49/683, 45/32, 67/343, 69/94, 231/12, 235/66, 273/18, 275/54, C07D 307/52, C07B 37/04, 41/06
(11) WO 02/085829 (13) A1
(21) PCT/JP02/03852
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
(30) 2001-120976 19 Apr/avr 2001 JP (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR PRODUCTION OF DIMERS OF AROMATIC MONOHYDROXYL COMPOUNDS
• PROCEDE DE FABRICATION DE DIMERES DE COMPOSES AROMATIQUES DE MONOHYDROXYLE
- (71) KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UENO, Ryuzo [JP/JP]; 10-27, Nangocho, Nishinomiya-shi, Hyogo 662-0038 (JP). KITAYAMA, Masaya [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665-0881 (JP). MINAMI, Kenji [JP/JP]; 3-15-2, Onosato, Sennan-shi, Osaka 590-0526 (JP). WAKAMORI, Hiroyuki [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-3105 (JP). HIRAI, Hikari [JP/JP]; 2-5-13, Tomogaoka, Sanda-shi, Hyogo 669-1516 (JP).
- (74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C07C 39/16, 37/20, C07B 61/00
(11) WO 02/085830 (13) A1
(21) PCT/JP02/03540
(22) 9 Apr/avr 2002 (09.04.2002)
(25) ja (26) ja
(30) 2001/118012 17 Apr/avr 2001 JP (17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR PRODUCING BISPHENOL A
• PROCEDE DE PRODUCTION DE BISPHENOL A
- (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) IWAHARA, Masahiro [JP/JP]; 1-1, Shingu-cho, Tokuyama-shi, Yamaguchi 745-0843 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLD., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) BR CN ID IN KR 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 C07C 45/28
(11) WO 02/085831 (13) A1
(21) PCT/EP02/05455
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) O1109976,9 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR THE PREPARATION OF AN XANTHOPHYLL
• METHODE DE PREPARATION D'UNE XANTHOPHYLLE
- (71) AVENTIS ANIMAL NUTRITION S.A. [FR/FR]; 42, Avenue Aristide Briand - BP 100, F-92164 Antony Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) QUESNEL, Yannick [FR/FR]; 117, rue Garibaldi, F-69006 Lyon (FR). FLACHER, Richard [FR/FR]; 19 B, rue Ernest Fabrégue, F-69009 Lyon (FR).
- (74) MERIGEAL, Shona; Aventis Crop-Science S.A., Industrial Property Department, 14-20, Rue Pierre Baizet -B.P.9163, f-69263 Lyon 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX 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 YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 49/83, 45/81, G03F 7/031, C08F 2/50
- (11) WO 02/085832 (13) A2
(21) PCT/EP02/03674
(22) 3 Apr/avr 2002 (03.04.2002)
(25) en (26) en
- (30) VA2001A000011 24 Apr/avr 2001 IT (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SOLID MIXTURES OF ALPHA-HYDROXYCARBONYL DERIVATIVES OF ALPHA-METHYLSTYRENE OLIGOMERS AND THEIR USE
• MELANGES SOLIDES DE DERIVES ALPHA-HYDROXYCARBONYLE D'OLIGOMERES DE METHYLSTYRENE ET LEUR UTILISATION
- (71) LAMBERTI SPA [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VISCONTI, Marco [IT/IT]; Via Bicocca, 82, I-21100 Varese (IT). NORCINI, Gabriele [IT/IT]; Via Volta, 42, I-21010 Vizzola Ticino (IT). LI BASSI, Giuseppe [IT/IT]; Via Stretti, 4, I-21026 Garivate (IT).
- (74) LAMBERTI SPA; Via Piave, 18, I-21041 Albizzate (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 51/09, 57/34, 231/18, 233/11, 235/32, C07D 209/44, 307/32 // C07B 53/00, C07M 7:00
- (11) WO 02/085833 (13) A1
(21) PCT/JP02/03718
(22) 15 Apr/avr 2002 (15.04.2002)
(25) ja (26) ja
- (30) 2001-119536 18 Apr/avr 2001 JP (18.04.2001)
- (30) 2001-169160 5 Jun/juin 2001 JP (05.06.2001)

- (30) 2001-218012 18 Jul/juil 2001 JP (18.07.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESSES FOR PREPARATION OF OPTICALLY ACTIVE 2-BENZYL-SUCCINIC ACID AND OPTICALLY ACTIVE 2-BENZYL-SUCCINIC ACID MONOAMIDES
• PROCEDE DE PREPARATION D'ACIDE 2-BENZYL-SUCCINIQUE A ACTIVITE OPTIQUE ET DE MONAMIDES DE L'ACIDE 2-BENZYL-SUCCINIQUE A ACTIVITE OPTIQUE

- (71) KURARAY CO., LTD. [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SATO, Junko [JP/JP]; c/o Kuraray, Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2691 (JP). HAYASHIBARA, Tatsuhiko [JP/JP]; c/o Kuraray, Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2691 (JP). TAMA, Yoshin [JP/JP]; c/o Kuraray, Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2691 (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 C07C 51/573, 51/215, 57/145

- (11) WO 02/085834 (13) A1
(21) PCT/EP02/04414
(22) 22 Apr/avr 2002 (22.04.2002)
(25) de (26) de
- (30) 101 19 737.3 23 Apr/avr 2001 DE (23.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PURIFYING AN ORGANIC SOLVENT FOR THE PURPOSE OF ABSORPTION OF MALEIC ACID ANHYDRIDE
• PROCEDE DE PURIFICATION D'UN SOLVANT ORGANIQUE DESTINE A L'ABSORPTION DE L'ANHYDRIDE DE L'ACIDE MALEIQUE

- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) RAHN, Ralf-Thomas [DE/DE]; Cannabichstr. 8, 68167 Mannheim (DE). WECK, Alexander [DE/DE]; Buttstaedterstr. 9, 67251 Freinsheim (DE). KAIBEL, Gerd [DE/DE]; Robert-Bosch-Str. 4, 68623 Lampfertheim (DE).

- (74) KINZEBACH, Werner et al. / etc.; Ludwigplatz 4, 67059 Ludwigshafen (DE).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 65/03, 69/84
- (11) WO 02/085835 (13) A1
(21) PCT/JP02/03851
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
- (30) 2001-122933 20 Apr/avr 2001 JP (20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • GRANULE OF PARAHYDROXYBENZOIC ACID OR PARAHYDROXYBENZOIC ESTER AND PROCESS FOR PRODUCING THE SAME
• GRANULE D'ACIDE PARAHYDROXYBENZOIQUE OU D'ESTER D'ACIDE PARAHYDROXYBENZOIQUE ET SON PROCEDE DE PRODUCTION

- (71) KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO [JP/JP]; 4-8, Ko-raibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) UENO, Ryuzo [JP/JP]; 10-27, Nangocho, Nishinomiya-shi, Hyogo 662-0038 (JP). KITAYAMA, Masaya [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665-0881 (JP). IZUMICHI, Nobutaka [JP/JP]; 8-16, Wakamiya-cho, Ashiya-shi, Hyogo 659-0027 (JP). KITAKA, Masaharu [JP/JP]; 2-23, Obuki-cho, Takarazuka-shi, Hyogo 665-0057 (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) BR CA CN IL 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 C07C 65/11, 69/94, 51/09, 67/313, 67/47, 233/65, 231/12, 233/92, 67/31, 65/24, 51/367, C07D 307/52, 263/62, 277/66

- (11) WO 02/085836 (13) A1
(21) PCT/JP02/03850
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
- (30) 2001-120973 19 Apr/avr 2001 JP (19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • BINAPHTOL DERIVATIVE AND PROCESS FOR PRODUCING THE SAME
• DERIVE DE BINAPHTOL ET SON PROCEDE DE PRODUCTION

- (71) KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO [JP/JP]; 4-8, Ko-raibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UENO, Ryuzo [JP/JP]; 10-27, Nangocho, Nishinomiya-shi, Hyogo 662-0038 (JP). KITAYAMA, Masaya [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665-0881 (JP). MINAMI, Kenji [JP/JP]; 3-15-2, Onosato, Sennan-shi, Osaka 590-0526 (JP). WAKAMORI, Hiroyuki [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-3105 (JP).
- (74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C07C 67/00, 69/708, 43/17
- (11) WO 02/085837 (13) A1
- (21) PCT/US02/10701
- (22) 5 Apr/avr 2002 (05.04.2002)
- (25) en (26) en
- (30) 01201473.4 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS OF PREPARING HALOGENATED ESTERS
• PROCEDE DE PREPARATION D'ESTERS HALOGENES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) HINTZER, Klaus; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). OBERMAIER, Egon; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SCHWERTFEGGER, Werner; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) LILLY, James, V. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 209/06, 209/08, 209/10, 209/22
- (11) WO 02/085838 (13) A1
- (21) PCT/US02/12785
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,268 24 Apr/avr 2001 US (24.04.2001)
- (30) 60/348,014 24 Oct/oct 2001 US (24.10.2001)
- (30) 60/344,208 21 Dec/déc 2001 US (21.12.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COPPER-CATALYZED FORMATION OF CARBON-HETEROATOM AND CARBON-CARBON BONDS
• FORMATION PAR CATALYSE DE CUIVRE DE LIAISONS CARBONE-HETEROATOME ET CARBONE-CARBONE
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) BUCHWALD, Stephen, L.; 25 Lancaster Road, Newton, MA 02158 (US). KLAPARS, Artis; 270 Norfolk Street Apt 1-A, Cambridge, MA 02138 (US). ANTILLA, Jon, C.; 6 Rocky Nook, Malden, MA 02148 (US). JOB, Gabriel, E.; 6 Gilson Road Apt 27, Quincy, MA 02169 (US). WOLTER, Martina; 366 Washington Street, Cambridge, MA 02139 (US). KWONG, Fuk, Y.; 22 Magazine Street Apt 7, Cambridge, MA 02139 (US). NORDMANN, Gero; 22 Marlborough Street, Boston, MA 02115 (US). HENNESSY, Edward, J.; 12 Blackwood Street Apt 310, Boston, MA 02115 (US).
- (74) GORDON, Dana, M. et al. / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 229/28, A61K 31/195, A61P 25/28
- (11) WO 02/085839 (13) A1
- (21) PCT/IB02/01146
- (22) 3 Apr/avr 2002 (03.04.2002)
- (25) en (26) en
- (30) 0109635.3 19 Apr/avr 2001 GB (19.04.2001)
- (30) 0125807.8 26 Oct/oct 2001 GB (26.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FUSED BICYCLIC OR TRICYCLIC AMINO ACIDS
• ACIDES AMNINES BICYCLIQUES OU TRICYCLIQUES FONDUS
- (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) BLAKEMORE, David, Clive [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB). BRYANS, Justin, Stephen [GB/GB]; Pfizer Global Research & Development, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB). WILLIAMS, Sophie, Caroline [GB/GB]; Pfizer Limited, UK Patent Department, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB).
- (74) STUART, Peter, Graham et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 231/02, 231/08, 233/47, C07K 1/06, 1/30, 5/075, C12P 21/02
- (11) WO 02/085840 (13) A1
- (21) PCT/JP02/03754
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) ja (26) ja
- (30) 2001-122345 20 Apr/avr 2001 JP (20.04.2001)
- (30) 2001-122346 20 Apr/avr 2001 JP (20.04.2001)
- (30) 2001-187540 21 Jun/juin 2001 JP (21.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR PRODUCING N-FORMYLAMINO ACID AND UTILIZATION THEREOF
• PROCEDE DE PRODUCTION D'ACIDE N-FORMYLAMINO ET UTILISATION DUDIT ACIDE
- (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) KAWAHARA, Shigeru [JP/JP]; c/o Amino Science Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). TAKEMOTO, Tadashi [JP/JP]; c/o Amino Science Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). FUJITA, Shinji [JP/JP]; c/o Amino Science Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). OHNO, Ayako [JP/JP]; c/o Amino Science 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 C07C 235/52, C07D 265/26, A61K 31/165, 31/535
- (11) WO 02/085841 (13) A2
- (21) PCT/EP02/02071
- (22) 27 Feb/fév 2002 (27.02.2002)
- (25) de (26) de
- (30) 101 11 164.9 1 Mar/mar 2001 DE (01.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUBSTITUTED CATECHOL DERIVATIVES DERIVED FROM POLYBASIC SECONDARY AMINO ACIDS, METHOD FOR PRODUCTION AND USE THEREOF
- DERIVES DE CATECHOL SUBSTITUES, DERIVANT D'ACIDES AMINES SECONDAIRES POLYBASQUES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEINISCH, Lothar [DE/DE]; Ricarda-Huch-Weg 2, 07743 Jena (DE). WITTMANN, Steffen [DE/DE]; St.-Jakob-Strasse 6, 07743 Jena (DE). SCHERLITZ-HOFMANN, Ina [DE/DE]; Otto-Schott-Strasse 40, 07743 Jena (DE). STOIBER, Thomas [DE/DE]; Hermann-Pistor-Strasse 65, 07745 Jena (DE). BERG, Albrecht [DE/DE]; Pöritzsch 9, 07929 Saalburg (DE). MÖLLMANN, Ute [DE/DE]; Schlendorfer Oberweg 17, 07749 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).
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- (51)⁷ C07C 253/30, 255/47, C07D 221/22, 317/30, C07C 317/44
- (11) WO 02/085843 (13) A2
- (21) PCT/IB02/00660
- (22) 4 Mar/mar 2002 (04.03.2002)
- (25) en (26) en
- (30) 60/285,131 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR THE PREPARATION OF 1,3-SUBSTITUTED INDENES AND ARYL-FUSED AZAPOLYCYCLIC COMPOUNDS
- PROCEDE DE PREPARATION D'INDENES 1,3-SUBSTITUES ET COMPOSES AZAPOLYCYCLIQUES D'ARYLE FONDUS
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SINGER, Robert, Alan [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). MCKINLEY, Jason, Daniel [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 253/30, 255/07
- (11) WO 02/085842 (13) A2
- (21) PCT/FR02/01369
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) fr (26) fr
- (30) 0105383 20 Apr/avr 2001 FR (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR ISOMERIZATION OF BRANCHED UNSATURATED MONONITRILES INTO LINEAR UNSATURATED MONONITRILES
- PROCEDE D'ISOMERISATION DE MONONITRILES INSATURES RAMIFIES EN MONONITRILES INSATURES LINEAIRES
- (71) RHODIA POLYAMIDE INTERMEDIATES [FR/FR]; Avenue Ramboz, B.P. 33, F-69190 Saint-Fons (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GALLAND, Jean-Christophe [FR/FR]; 145, Cours du Docteur Long, F-69003 Lyon (FR). METIVIER, Pascal [FR/FR]; 29, allée des Frênes, F-69110 Sainte Foy les Lyon (FR).
- (74) ESSON, Jean-Pierre; Rhodia Services, Centre de Recherches de Lyon, B.P. 62, Direction de la Propriété Industrielle, F-69192 Saint Fons (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 279/18, A61K 31/155
- (11) WO 02/085844 (13) A1
- (21) PCT/SE02/00770
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 0101386-1 20 Apr/avr 2001 SE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NEW COMPOUNDS
- NOUVEAUX COMPOSES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BAMBERG, Krister [SE/SE]; AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE). LI, Lanna [SE/SE]; AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE).
- (74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 303/02, 67/08, 309/17, B01F 17/00, C14C 9/00
- (11) WO 02/085845 (13) A2
- (21) PCT/EP02/02471
- (22) 6 Mar/mar 2002 (06.03.2002)

- (25) de (26) de
- (30) 101 11 196.7 **8 Mar/mar 2001** DE
(08.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MIXTURES OF SULFOGROUP-CONTAINING ESTERS OF POLYBASIC ORGANIC ACIDS WITH LONG-CHAIN ALKANOLS
• MELANGES DE SULFOGROUPEES CONTENANT DES ESTERS D'ACIDES ORGANIQUES POLYBASQUES AVEC DES ALCANOLS A CHAÎNE LONGUE
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUNKWITZ, Ralph** [DE/DE]; Akazienweg 17, 67434 Neustadt (DE).
SEITZ, Andreas [DE/DE]; Otto-Dill-Str. 1, 67134 Birkenheide (DE).
PABST, Gunther [DE/DE]; Gausstr. 12, 68165 Mannheim (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).
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- (51)⁷ C07C 321/26, 319/02
- (11) **WO 02/085846** (13) A1
- (21) PCT/JP02/03736
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) ja (26) ja
- (30) 2001-117800 **17 Apr/avr 2001** JP
(17.04.2001)
- (30) 2002-036586 **14 Feb/fév 2002** JP
(14.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • POLYMERCAPTOPYLPHENYLS AND METHOD FOR SYNTHESIS THEREOF
• POLYMERCAPTOPYLPHENYLES ET PROCEDE DE SYNTHÈSE ASSOCIÉ
- (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) **SATO, Ryu** [JP/JP]; 3-18-2, Kamido, Morioka-shi, Iwate 020-0125 (JP).
- (74) **MIYAMOTO, Harumi**; Hougaku Bldg. 7F, 19-14, Toranomon 1-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).
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- (51)⁷ C07C 381/00
- (11) **WO 02/085847** (13) A2
- (21) PCT/EP02/02598
- (22) **8 Mar/mar 2002 (08.03.2002)**
- (25) en (26) en
- (30) 200100577 **13 Mar/mar 2001** ES
(13.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GLYCINE, N-[N-L-GAMMA-GLUTAMYL-3-(NITROSOTHIO)-L-VALYL] AND USE THEREOF
• GLYCINE, N-[N-L-GAMMA-GLUTAMYL-3-(NITROSOTHIO)-L-VALYLE] ET SES APPLICATIONS
- (71) **LÁCER S.A.** [ES/ES]; Sardenya, 350, E-08025 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REPOLLÉS MOLINER, José** [ES/ES]; Calle Paris, 46-48, E-08029 Barcelona (ES).
SALAS PÉREZ-RASILLA, Eduardo [ES/ES]; Calle Cartagena, 258-260, E-08025 Barcelona (ES).
PUBILL COY, Francisco [ES/ES]; Gran Via de las Cortes Catalanes, 1039, E-08020 Barcelona (ES).
- (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).
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- (51)⁷ C07D
- (11) **WO 02/085848** (13) A2
- (21) PCT/US02/11964
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 60/284,717 **18 Apr/avr 2001**
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNTHESIS OF PANCRATISTATIN PRODRUGS
• PROCEDE DE SYNTHÈSE DE PROMÉDICAMENTS A BASE DE PANCRATISTATINE
- (71) **ARIZONA BOARD OF REGENTS, a body corporate of the State of Arizona acting for and on behalf of ARIZONA STATE UNIVERSITY** [—/—]; Tempe, AZ 85287 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETIT, George, R.** [US/US]; 6232 Bret Hills Drive, Paradise Valley, AZ 85253 (US).
ORR, Brian [GB/US]; Casa Mango, 14035-H Mango Drive, Del Mar, CA 92014 (US).
DUCKI, Sylvie [FR/GB]; University of Salford, Cockcroft Bldg., Salford M5 4WT (GB).
- (74) **MYBECK, Richard, R.**; Post Office Box 5540, Scottsdale, AZ 85261-5540 (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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C07D
- (11) **WO 02/085849** (13) A2
- (21) PCT/US02/08261
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) en (26) en
- (30) 60/285,586 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/365,581 **19 Mar/mar 2002** US
(19.03.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS TO PREPARE OXAZOLIDINONES
• PROCEDE DE PREPARATION D'OXAZOLIDINONES
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PERRAULT, William, R.** [US/US]; 825 Edison Street, Kalamazoo, MI 49004 (US).
PEARLMAN, Bruce, A. [US/US]; 3411 Willow Lake Drive #308, Kalamazoo, MI 49008 (US).
GODREJ, Delara, B. [IN/US]; 716-B Garland Circle, Kalamazoo, MI 49008 (US).
- (74) **YANG, Lucy, X.**; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 207/273, A61K 31/40, 31/4015, 31/4025, 31/407, A61P 7/02, 9/10, 9/12, 13/12, 19/10, 29/00, 35/00, 43/00, 9/00, 11/06
- (11) **WO 02/085850** (13) A1
- (21) PCT/JP02/03949
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) ja (26) ja
- (30) 2001-121829 **19 Apr/avr 2001** JP
(19.04.2001)

- (30) 2001-269422 **5 Sep/sep 2001** JP
(05.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CYCLIC AMIDINE DERIVATIVE
• DERIVES D'AMIDINE CYCLIQUE
- (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) SUZUKI, **Shuichi** [JP/JP]; 44-77, Minami 7-chome, Ushiku-shi, Ibaraki 300-1222 (JP). **KOTAKE, Makoto** [JP/JP]; 144-3-515, Abiko, Abiko-shi, Chiba 270-1166 (JP). **MIYAMOTO, Mitsuo** [JP/JP]; 1610-10, Kamitakatsu, Tsuchiura-shi, Ibaraki 300-0811 (JP). **KAWAHARA, Tetsuya** [JP/JP]; 12-20, Nampaidai 1-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0312 (JP). **KAJIWARA, Akiharu** [JP/JP]; 6-4, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). **HISHINUMA, Ieharu** [JP/JP]; 4-8, Kubogaoka 3-chome, Moriya-shi, Ibaraki 302-0104 (JP). **OKANO, Kazuo** [JP/JP]; 11-8, Kinunodai 3-chome, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP). **MIYAZAWA, Syuhei** [JP/JP]; 39-26, Matsugaoka 2-chome, Moriya-shi, Ibaraki 302-0127 (JP). **CLARK, Richard** [GB/JP]; 20-22, Ottominami 2-chome, Tsuchiura-shi, Ibaraki 300-0845 (JP). **OZAKI, Fumihito** [JP/JP]; 35-55, Sakaecho 2-chome, Ushiku-shi, Ibaraki 300-1233 (JP). **SATO, Nobuaki** [JP/JP]; 1032-19, Otto, Tsuchiura-shi, Ibaraki 300-0844 (JP). **SHINODA, Masanobu** [JP/JP]; 4-1, Wakaba, Kukizaki-machi, Inashiki-gun, Ibaraki 300-1249 (JP). **KAMADA, Atsushi** [JP/JP]; 7-30, Kamiya 2-chome, Ushiku-shi, Ibaraki 300-1216 (JP). **TSUKADA, Itaru** [JP/JP]; 11-13, Minami 3-chome, Ushiku-shi, Ibaraki 300-1222 (JP). **MATSUURA, Fumiyoshi** [JP/JP]; 25-2-205, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). **NAOE, Yoshimitsu** [JP/JP]; 2574-20-B102, Kamiyokoba, Tsukuba-shi, Ibaraki 305-0845 (JP). **TERAUCHI, Taro** [JP/JP]; Painhaitu 201, 17-17, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). **OOHASHI, Yoshiaki** [JP/JP]; 35-19-502, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **ITO, Osamu** [JP/JP]; 19-4, Sakura 1-chome, Tsukuba-shi, Ibaraki 305-0003 (JP). **TANAKA, Hiroshi** [JP/JP]; 6-7, Tokodai 3-chome, Tsukuba-shi, Ibaraki 300-2635 (JP). **MUSYA, Takashi** [JP/JP]; 836-24, Takucho, Ushiku-shi, Ibaraki 300-1236 (JP). **KOGUSHI, Motoji** [JP/JP]; 22-2, Matsugaoka 1-chome, Moriya-shi, Ibaraki 302-0127 (JP). **KAWADA, Tsutomu** [JP/JP]; 16-19, Kidamarihigashidai 2-chome, Tsuchiura-shi, Ibaraki 300-0027 (JP). **MATSUOKA, Toshiyuki** [JP/JP]; 46-5, Sakura 2-chome, Tsukuba-shi, Ibaraki 305-0003 (JP). **KOBAYASHI, Hiroko** [JP/JP]; 714-11, Itaya 4-chome, Tsuchiura-shi, Ibaraki 300-0007 (JP). **CHIBA, Ken-ichi** [JP/JP]; 20-401, Oomachi 5-chome, Tsuchiura-shi, Ibaraki 300-0038 (JP). **KIMURA, Akifumi** [JP/JP]; 7-2, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). **ONO, Naoto** [JP/JP]; 309, Tsukubane dairiyo 9-7, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (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 C07D 207/333, 207/337, 405/06, 403/06, 409/06, 401/06, A61K 31/40, 31/4025, 31/404, 31/4184, 31/4439, A61P 3/10, 5/50
- (11) WO 02/085851 (13) A1
- (21) PCT/JP02/03790
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-120887 **19 Apr/avr 2001** JP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PYRROLE DERIVATIVE
• DERIVE DE TYPE PYRROLE
- (71) SUMITOMO PHARMACEUTICALS COMPANY, LIMITED [JP/JP]; 2-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGATA, **Ryu** [JP/JP]; 6-12, Kawahigashi-cho, Nishinomiya-shi, Hyogo 662-0945 (JP). **MARUTA, Katsunori** [JP/JP]; 4-15-109, Maruhashi-cho, Nishinomiya-shi, Hyogo 662-0831 (JP). **IWAI, Kiyotaka** [JP/JP]; 10-4-444, Sonchigashino-cho 2-chome, Toyonaka-shi, Osaka 561-0802 (JP). **KITOH, Makoto** [JP/JP]; 2-1-131, Kuwata-cho, Ibaraki-shi, Osaka 567-0841 (JP). **USHIRODA, Kantaro** [JP/JP]; 4-15-425, Maruhashi-cho, Nishinomiya-shi, Hyogo 662-0831 (JP). **YOSHIDA, Kozo** [JP/JP]; 4-15-225, Maruhashi-cho, Nishinomiya-shi, Hyogo 662-0831 (JP).
- (74) AOYAMA, **Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 209/00
- (11) WO 02/085853 (13) A2
- (21) PCT/US02/12512
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,644 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HETEROCYCLYLALCOXY-, -ALKYLTHIO- AND -ALKYL-LAMINOBENZAZOLE DERIVATIVES AS 5-HYDROXYTRYPTAMINE-6 LIGANDS
• DERIVES DE HETEROCYCLYLALCOXY-, -ALKYLTHIO- ET -ALKYL-LAMINOBENZAZOLE EN TANT QUE

LIGANDS DE LA 5-HYDROXYTRYPTAMINE-6

- (71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
- (72) LI, Yanfang; 3 Woodlane Road, Lawrenceville, NJ 08648 (US). ZHOU, Ping; 28 Marion Drive, Plainsboro, NJ 08536 (US).
- (74) BERG, Egon, E.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (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).
-
- (51) C07D 209/08, A61K 7/13, C09B 23/14, C07D 405/04, 409/04, C07F 5/02, C07D 401/04
- (11) WO 02/085854 (13) A1
- (21) PCT/EP02/00706
- (22) 24 Jan/jan 2002 (24.01.2002)
- (25) de (26) de
- (30) 101 19 204.5 19 Apr/avr 2001 DE (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • 5-ARYL-1,3,3-TRIMETHYL-2-METHYLENE-INDOLINE DERIVATIVES AND SALTS THEREOF, METHODS FOR THE PRODUCTION AND USE OF SAID COMPOUNDS FOR THE TEMPORARY COLORATION OF FIBRES
- DERIVES DE 5-ARYL-1,3,3-TRIMETHYL-2-METHYLENE-INDOLINE ET LEURS SELS, LEURS PROCÉDES DE PRODUCTION ET UTILISATION DE CES COMPOSÉS POUR LA TEINTURE TEMPORAIRE DE FIBRES
- (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) SAUTER, Guido [CH/CH]; Liebewilstrasse 43, CH-3174 Thörishaus (CH). BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Überstorf (CH). REICHLIN, Nadia [CH/CH]; Clos de la gare 2, CH-1482 Cugy (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 209/44, 209/62, 401/10, 403/06, 403/10, 405/06, 413/06, 471/04, A61K 31/403, 31/4035, 31/4178, 31/4184, 31/422, 31/437, 31/454, 31/496, 31/538, 31/5377, A61P 7/02, 9/00, 9/10, 9/12, 11/00, 11/06, 13/12, 19/10, 25/00, 29/00, 35/00, 43/00
- (11) WO 02/085855 (13) A1
- (21) PCT/JP02/03961
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-121829 19 Apr/avr 2001 JP (19.04.2001)
- (30) 2001-269422 5 Sep/sep 2001 JP (05.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • 2-IMINOPYRROLIDINE DERIVATIVES
- DERIVES DE 2-IMINOPYRROLIDINE
- (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) SUZUKI, Shuichi [JP/JP]; 44-77, Minami 7-chome, Ushiku-shi, Ibaraki 300-1222 (JP). KOTAKE, Makoto [JP/JP]; 144-3-515, Abiko, Abiko-shi, Chiba 270-1166 (JP). MIYAMOTO, Mitsuaki [JP/JP]; 1610-10, Kamitakatsu, Tsuchiura-shi, Ibaraki 300-0811 (JP). KAWAHARA, Tetsuya [JP/JP]; 12-20, Nampaidai 1-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0312 (JP). KAJIWARA, Akihiko [JP/JP]; 6-4, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). HISHINUMA, Ieharu [JP/JP]; 4-8, Kubogaoka 3-chome, Moriya-shi, Ibaraki 302-0104 (JP). OKANO, Kazuo [JP/JP]; 11-8, Kinunodai 3-chome, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP). MIYAZAWA, Syuhei [JP/JP]; 39-26, Matsugaoka 2-chome, Moriya-shi, Ibaraki 302-0127 (JP). CLARK, Richard [GB/JP]; 20-22, Ottominami 2-chome, Tsuchiura-shi, Ibaraki 300-0845 (JP). OZAKI, Fumihiko [JP/JP]; 35-55, Sakaecho 2-chome, Ushiku-shi, Ibaraki 300-1233 (JP). SATO, Nobuaki [JP/JP]; 1032-19, Otto, Tsuchiura-shi, Ibaraki 300-0844 (JP). SHINODA, Masanobu [JP/JP]; 4-1, Wakaba, Kukizaki-machi, Inashiki-gun, Ibaraki 300-1249 (JP). KAMADA, Atsushi [JP/JP]; 7-30, Kamiya 2-chome, Ushiku-shi, Ibaraki 300-1216 (JP). TSUKADA, Itaru [JP/JP]; 11-13, Minami 3-chome, Ushiku-shi, Ibaraki 300-1222 (JP). MATSUURA, Fumiyoshi [JP/JP]; 25-2-205, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). NAOE, Yoshimitsu [JP/JP]; 2574-20-B102, Kamiyokoba, Tsukuba-shi, Ibaraki 305-0845 (JP). TERAUCHI, Taro [JP/JP]; Painhaitu 201, 17-17, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). OOHASHI, Yoshiaki [JP/JP]; 35-19-502, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). ITO, Osamu [JP/JP]; 19-4, Sakura 1-chome, Tsukuba-shi, Ibaraki 305-0003 (JP). TANAKA, Hiroshi [JP/JP]; 6-7, Tokodai 3-chome, Tsukuba-shi, Ibaraki 300-2635 (JP). MUSYA, Takashi [JP/JP]; 836-24, Takucho, Ushiku-shi, Ibaraki 300-1236 (JP). KOGUSHI, Motoji [JP/JP]; 22-2, Matsugaoka 1-chome, Moriya-shi, Ibaraki 302-0127 (JP). KAWADA, Tsutomu [JP/JP]; 16-19, Kidamarihigashidai 2-chome, Tsuchiura-shi, Ibaraki 300-0027 (JP). MATSUOKA, Toshiyuki [JP/JP]; 46-5, Sakura 2-chome, Tsukuba-shi, Ibaraki 305-0003 (JP). KOBAYASHI, Hiroko [JP/JP]; 714-11, Itaya 4-chome, Tsuchiura-shi, Ibaraki 300-0007 (JP). CHIBA, Ken-ichi [JP/JP]; 20-401, Oomachi 5-chome, Tsuchiura-shi, Ibaraki 300-0038 (JP). KIMURA, Aki-fumi [JP/JP]; 7-2, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). ONO, Naoto [JP/JP]; 309, Tsukubane dairiyo, 9-7, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (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 C07D 209/88, A61K 31/404, A61P 25/28
- (11) WO 02/085856 (13) A1
- (21) PCT/US02/11142
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (30) 09/839,289 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNTHESIS AND METHODS OF USE OF TETRAHYDROINDOLONE ANALOGUES AND DERIVATIVES
- SYNTHÈSE ET PROCÉDES D'UTILISATION D'ANALOGUES ET DE DERIVES DE TETRAHYDROINDOLONE
- (71) NEOTHERAPEUTICS, INC. [US/US]; 157 Technology Drive, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FICK, David, B. [US/US]; 1433 Superior Avenue, #373, Newport Beach, CA 92663 (US). FOREMAN, Mark, M. [US/US]; 2480 Irvine Boulevard, #159, Tustin, CA 92782 (US). GLASKY, Alvin, J. [US/US]; 11955 Lambert, Tustin, CA 92782 (US).
- (74) CULLMAN, Louis, C. et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 700, 840 Newport Center Drive, Newport Beach, CA 92660-7007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 213/40, 401/12, 215/38, A61K 31/44, 31/4709, 31/4725, 31/47, A61P 43/00

(11) WO 02/085857 (13) A2

(21) PCT/US02/12066

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,285 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INHIBITION OF RAF KINASE USING QUINOLYL, ISOQUINOLYL OR PYRIDYL UREAS

• INHIBITION DE LA KINASE RAF A L'AIDE D'UREES DE QUINOLYL, D'ISOQUINOLYL OU DE PYRIDYL

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).

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(72, 75) DUMAS, Jacques [FR/US]; 98 Farmview Road, Bethany, CT 06524 (US). RIEDL, Bernd [DE/DE]; Von der Goltz Strasse 7, D-42329 Wuppertal (DE). KHIRE, Uday [IN/US]; 101 Tanglewood Drive, Hamden, CT 06518 (US). SIBLEY, Robert, N. [US/US]; 1187 Mt. Carmel Avenue, North Haven, CT 06437 (US). HATOUM-MOKDAD, Holia [US/US]; 43 Joseph Lane, Hamden, CT 06514 (US). MONAHAN, Mary-Katherine [US/US]; 134 Park Avenue, Hamden, CT 06517 (US). GUNN, David, E. [US/US]; 40 Wood Street, Hamden, CT 06517 (US). LOWINGER, Timothy, B.

[CA/DE]; Wotanstrasse 11, D-42117 Wuppertal (DE). SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). SMITH, Roger, A. [US/US]; 65 Winterhill Road, Madison, CT 06443 (US). WOOD, Jill, E. [US/US]; 3007 Ridge Road, North Haven, CT 06473 (US).

(74) ZELANO, Anthony, J. et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon 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 213/64, 213/89, 215/22

(11) WO 02/085858 (13) A1

(21) PCT/JP02/03955

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-122855 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PRODUCING PURIFIED PIPERIDINE DERIVATIVE
• PROCEDE DE PRODUCTION D'UN DERIVE DE PIPERIDINE PURIFIE

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).

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

(72, 75) TANIGUCHI, Tomoko [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). HAYASHI, Kazuhiko [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). OHARU, Kazuya [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 213/75, 217/22, 401/12, 215/38, 403/12, A61K 31/44, 31/47, A61P 29/00

(11) WO 02/085859 (13) A1

(21) PCT/US02/12064

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/838,286 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HETEROARYL UREAS CONTAINING NITROGEN HETERO-ATOMS AS p38 KINASE INHIBITORS

• UREES HETEROARYLES CONTENANT DES HETERO-ATOMES D'AZOTE COMME INHIBITEURS DE KINASE P38

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PS 15205 (US).

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

(72, 75) DUMAS, Jacques [FR/US]; 98 Farmview Road, Bethany, CT 06524 (US).

RIEDL, Bernd [DE/DE]; Von der Goltz Strasse 7, 42329 Wuppertal (DE). KHIRE, Uday [IN/US]; 101 Tanglewood Drive, Hamden, CT 06518 (US). SIBLEY, Robert, N. [US/US]; 1187 Mt. Carmel Avenue, North Haven, CT 06473 (US). HATOUM-MOKDAD, Holia [US/US]; 43 Joseph Lane, Hamden, CT 06514 (US). MONAHAN, Mary-Katherine [US/US]; 134 Park Avenue, Hamden, CT 06517 (US). GUNN, David, E. [US/US]; 40 Wood Street, Hamden, CT 06517 (US). LOWINGER, Timothy, B. [CA/JP]; Wotanstrasse 11, D-42117 Wuppertal (DE). SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). SMITH, Roger, A. [US/US]; 65 Winterhill Road, Madison, CT 06443 (US). WOOD, Jill, E. [US/US]; 3007 Ridge Road, North Haven, CT 06473 (US).

(74) ZELANO, Anthony, J. et al. / etc.; Millen, White, Zelano & Branigan, P.C., Suite 1400, Arlington Courthouse Plaza I, 2200 Clarendon 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).

Published / Publiée : (c)

(51)⁷ C07D 231/18, 231/20, A61K 31/415, 31/4162, 31/4155, A61P 31/18, C07D 403/06, 413/06, 401/12, 403/12, 405/12, 403/04, 498/04, 401/06, 471/04

(11) WO 02/085860 (13) A1

(21) PCT/IB02/01234

- (22) 4 Apr/avr 2002 (04.04.2002)
- (25) en (26) en
- (30) 0108999.4 10 Apr/avr 2001 GB
(10.04.2001)
- (30) 0127426.5 15 Nov/nov 2001 GB
(15.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PYRAZOLE DERIVATIVES FOR TREATING HIV
• DERIVES DE PYRAZOLE POUR LE TRAITEMENT DE VIH
- (71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)
- (71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB)
- (72, 75) JONES, Lyn, Howard [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). MOWBRAY, Charles, Eric [GR/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). PRICE, Davis, Anthony [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). SELBY, Matthew, Duncan [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). STUPPLE, Paul, Anthony [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) LANE, Graham, Mark et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 233/26, A61K 31/4164, A61P 43/00, C07D 405/12, 409/12
- (11) WO 02/085861 (13) A1
- (21) PCT/US02/12647
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,551 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMIDAZOLIDINE COMPOUNDS AND THEIR USE AS CXCR3 ANTAGONISTS
• COMPOSES D'IMIDAZOLIDINE ET LEUR UTILISATION COMME ANTAGONISTES DE CXCR3
- (63) US 09/838,551 (CON)
19 Apr/avr 2001 (19.04.2001)
- (71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US). KYOWA HAKKO KOGYO., LTD. [JP/JP]; 1-6-1 Ohtemachi, Chiyoda-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) OHSHIMA, Etsuo [JP/JP]; 2-223, Edogawadai-Nishi, Nagareyama-shi, Chiba (JP).
(only for / seulement pour US)
- (72, 75) SONE, Hiroki [JP/JP]; 1188 Shimotogari, Nagizumi-cho, Sunto-gun, Shizuoka (JP). KOTERA, Osamu [JP/JP]; 1064-11, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka (JP). KOMATSU, Rie [JP/JP]; 393-2, Nameri, Nagaizumi-cho, Sunto-gun, Shizuoka (JP). LAROSA, Gregory, J. [US/US]; 16 Alameda Road, W. Roxbury, MA 02132 (US). LULY, Jay, R. [US/US]; 24 Damien Road, Wellesley, MA 02181 (US).
- (74) CARROLL, Alice, O. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 233/54, 405/12, A61K 31/415 // (C07D 405/12, 307:00, 233:00)
- (11) WO 02/085863 (13) A1
- (21) PCT/FR02/01411
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) fr (26) fr
- (30) 01/05497 24 Apr/avr 2001 FR
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOVEL COMPOUNDS OF THE FAMILY OF 3-ALKYL-(4,5 DIPHENYL-IMIDAZOL-1-YL) AND THEIR USE AS SOOTHING AGENTS
• COMPOSES DE LA FAMILLE DES 3-ALKYL-(4, 5 DIPHENYL-IMIDAZOL-1-YL) ET LEUR UTILISATION COMME APAISANTS
- (71) L'OREAL [FR/FR]; 14, rue Royal, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GALEY, Jean-Baptiste [FR/FR]; 12, rue Ch.-Dordain, F-93600 Aulnay-sous-Bois (FR). DALKO, Maria [FR/FR]; 16, Résidence du Château de Courcelles, F-91190 Gif sur Yvette (FR). MAHE, Yann [FR/FR]; 36, avenue de l'Épargne, F-91390 Morsang-sur-Orge (FR). DUMATS, Jacqueline [FR/FR]; 13, rue Ambroise Croizat, F-93420 Villepinte (FR).
- (74) L'OREAL; Myriam ALLAB-DPI, 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).
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- (63) US 09/838,657 (CON)
19 Apr/avr 2001 (19.04.2001)
- (71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US). KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 1-6-1, Ohtemachi, Chiyoda-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHSHIMA, Etsuo [JP/JP]; 2-223, Edogawadai-Nishi, Nagareyama-shi, Chiba (JP). SONE, Hiroki [JP/JP]; 1188 Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka (JP). KOTERA, Osamu [JP/JP]; 1064-11, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka (JP). KOMATSU, Rie [JP/JP]; 393-2, Nameri, Nagaizumi-cho, Sunto-gun,

(51)⁷ C07D 233/54, A61K 7/48, A61P 17/00, C07D 403/06

(11) WO 02/085864 (13) A1

(21) PCT/FR02/01413

(22) 24 Apr/avr 2002 (24.04.2002)

(25) fr (26) fr

(30) 01/05498 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOUNDS OF THE FAMILY OF 3-ALKYL-(4,5 DIPHENYL-IMIDAZOL-1-YL) AND THEIR USE AS SOOTHING AGENTS

• COMPOSES DE LA FAMILLE DES 3-ALKYL-(4,5 DIPHENYL-IMIDAZOL-1-YL) ET LEUR UTILISATION COMME APAISANTS

(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) GALEY, Jean-Baptiste [FR/FR]; 12, rue Charles-Dordain, F-93600 Aulnay-sous-Bois (FR). MAHE, Yann [FR/FR]; 36, avenue de l'Épargne, F-91390 Morsang-sur-Orge (FR). DALKO, Maria [FR/FR]; 16, Résidence du Château de Courcelles, F-91190 Gif sur Yvette (FR). DUMATS, Jacqueline [FR/FR]; 13, rue Ambroise Croizat, F-93420 Villepinte (FR).

(74) ALLAB, Myriam; L'Oréal - DPI, 6, rue Bertrand Simcholle, 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 C07D 235/06, 285/12, 263/20

(11) WO 02/085865 (13) A1

(21) PCT/US02/08262

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/285,588 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD FOR THE PREPARATION OF OXAZOLIDINONES

• PROCÉDE DE PRÉPARATION D'OXAZOLIDINONES

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) CHEN, Jiong, Jack [CN/US]; 6725 Bayridge Road, Kalamazoo, MI 49009 (US).

LU, Cuong, V. [US/US]; 3811 Dale Street, Kalamazoo, MI 49001 (US).

(74) NESBITT, Stephen, L.; Pharmacia & Upjohn Company, Global Intellectual Property, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 239/06, A61K 31/4184

(11) WO 02/085866 (13) A1

(21) PCT/SE02/00769

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 0101387-9 20 Apr/avr 2001 SE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOVEL COMPOUNDS

• NOUVEAUX COMPOSES

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) CHENG, Yun-Xing [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Montreal, Québec H4S 1Z9 (CA). TOMASZEWSKI, Miroslaw [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Montreal, Québec H4S 1Z9 (CA). WALPOLE, Christopher [GB/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Montreal, Québec H4S 1Z9 (CA). YANG, Hua [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Montreal, Québec H4S 1Z9 (CA).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 C07D 239/08, 239/28, A61K 31/506, A61P 31/04

(11) WO 02/085867 (13) A1

(21) PCT/US02/13024

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,297 25 Apr/avr 2001 US (25.04.2001)

(30) 60/290,140 10 May/mai 2001 US (10.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIBIOTICS AA-896

• ANTIBIOTIQUES AA-896

(71) AMERICAN CYANAMID COMPANY [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) LIN, Yang-I; 35 Constitution Drive, Tappan, NY 10983 (US). Li, Zhong; 8 Cygnet Road, Congers, NY 10920 (US). FRANCISCO, Gerardo Delacruz; 23 Henry Street, Orangeburg, NY 10962 (US). MCDONALD, Leonard, Alexander; 323 Briar Patch, Mountainside, NJ 07092 (US).

(74) MORAN, Daniel, B. et al. / etc.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 265/36, A61K 31/538, A61P 35/00

(11) WO 02/085868 (13) A1

(21) PCT/GB02/01726

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 01401031.8 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BENZOXAZINONE DERIVATIVES FOR USE IN THE TREATMENT OF ANGIOGENESIS

• DERIVES DE BENZOXAZINONE POUR LE TRAITEMENT DE L'ANGIOGENESE

(71) **ASTRAZENECA AB** [SE/SE]; Sodertalje, S-151 85 (SE).

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

(71) **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1Y 6LN (GB).

(only for / seulement pour MG)

(72, 75) **BIRD, Thomas, Geoffrey, Colerick** [GB/FR]; Z.I. La Pompelle, BP 1050, F-51689 Reims Cedex 2 (FR).

(74) **BRYANT, Tracey**; ASTRAZENECA, Global Intellectual Property, Mercedes, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 271/06, 413/04, 417/04, 498/04, A61K 31/425, 31/4245, A61P 31/12**

(11) **WO 02/085869** (13) A1

(21) PCT/EP02/03858

(22) **8 Apr/avr 2002 (08.04.2002)**

(25) de (26) de

(30) 101 19 137.5 **19 Apr/avr 2001 DE (19.04.2001)**

(30) 101 48 598.0 **2 Oct/oct 2001 DE (02.10.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **ARYLSULFONAMIDES AS ANTIVIRAL AGENTS**

• **ARYLSULFONAMIDES EN TANT QU'AGENTS ANTIVIRAUX**

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **WUNBERG, Tobias** [DE/DE]; Richard-Wagner-Str. 66, 40724 Hilden (DE). **BENDER, Wolfgang** [DE/DE]; Kaulbachstr. 12, 42113 Wuppertal (DE). **ECKENBERG, Peter** [US/DE]; Claudiusweg 5, 42115 Wuppertal (DE). **HALLENBERGER, Sabine** [DE/US]; 75 Sydney Street, Cambridge, MA 02139 (US). **HENNINGER, Kerstin** [DE/DE]; Claudiusweg 7, 42115 Wuppertal (DE). **KELDENICH, Jörg** [DE/DE]; Damaschkeweg 49, 42113 Wuppertal (DE). **KERN, Armin** [DE/DE]; Am Brucher Häuschen 105, 42109 Wuppertal (DE). **RADDATZ, Siegfried** [DE/DE];

Jakob-Böhme-Str. 21, 51065 Köln (DE). **REEFSCHLÄGER, Jürgen** [DE/DE]; Kranichweg 14, 42111 Wuppertal (DE). **SCHMIDT, Gunter** [DE/DE]; Pahlkestr. 63, 42115 Wuppertal (DE). **ZIMMERMANN, Holger** [DE/DE]; Katernberger Schulweg 53, 42113 Wuppertal (DE). **ZUMPE, Franz** [DE/DE]; Hansastr. 20, 42109 Wuppertal (DE). **RADTKE, Martin** [DE/DE]; Am Mergelsberg 36, 40699 Erkrath (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 **C07D 277/20, 417/12, 277/38, A01N 47/40, 51/00**

(11) **WO 02/085870** (13) A1

(21) PCT/EP02/03976

(22) **10 Apr/avr 2002 (10.04.2002)**

(25) de (26) de

(30) 101 19 423.4 **20 Apr/avr 2001 DE (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **NOVEL AZOLES HAVING AN INSECTICIDAL ACTION**

• **NOUVEAUX AZOLES A ACTION INSECTICIDE**

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **JESCHKE, Peter** [DE/DE]; Kalmüntener Str. 44a, 51467 Bergisch Gladbach (DE). **BECK, Michael** [DE/DE]; In den Weiden 6, 41363 Jüchen (DE). **KRÄMER, Wolfgang** [DE/DE]; Rosenkranz 25, 51399 Burscheid (DE). **WOLLWEBER, Detlef** [DE/DE]; Paul-Ehrlich-Strasse 17, 42133 Wuppertal (DE). **ERDELEN, Christoph** [DE/DE]; Unterbüscherhof 15, 42799 Leichlingen (DE). **TURBERG, Andreas** [DE/DE]; Sinterstr. 86, 42781 Haan (DE). **HANSEN,**

Olaf [DE/DE]; Tannenweg 43, 40764 Langenfeld (DE). **MARTIN, Hans-Dieter** [DE/DE]; Kohlruschweg 24, 40591 Düsseldorf (DE). **SAUER, Piet** [DE/DE]; Weststrasse 5a, 40822 Mettmann (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 **C07D 295/12, A61K 31/495, A61P 25/00, C07M 5/00, A61K 51/04**

(11) **WO 02/085871** (13) A2

(21) PCT/US02/10274

(22) **2 Apr/avr 2002 (02.04.2002)**

(25) en (26) en

(30) 60/281,542 **4 Apr/avr 2001 US (04.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **SEROTONERGIC AGENTS WITH LONG-ACTING IN VIVO EFFECTS**

• **AGENTS SEROTONERGIQUES PRESENTANT DES EFFETS IN VIVO A ACTION PROLONGEE**

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **CHILDERS, Wayne, Everett**; 201 Riverwoods Drive, New Hope, PA 18938 (US). **KELLY, Michael, Gerard**; 790 Sandoval Place, Thousand Oaks, CA 91320 (US). **SCHECHTER, Lee, Erwin**; 855 Royal Lane, Toms River, NJ 08753 (US). **ROSENZWEIG-LIPSON, Sharon, Joy**; 25 Bosko Drive, East Brunswick, NJ 08816 (US).

(74) **BARRETT, Rebecca, R. et al. / etc.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 301/12

(11) WO 02/085872 (13) A1

(21) PCT/EP02/02271

(22) 2 Mar/mar 2002 (02.03.2002)

(25) en (26) en

(30) 01105249.5 5 Mar/mar 2001 EP
(05.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR THE EPOXIDATION OF
OLEFINS
• PROCEDE D'EPOXYDATION D'OLE-
FINES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz
1, 40474 Düsseldorf (DE). UHDE GMBH
[DE/DE]; Friedrich-Uhde-Strasse 15, 44141
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(72) HAAS, Thomas; Lersnerstrasse 30a, 60322
Frankfurt (DE). HOFEN, Willi; Südring 54,
63517 Rodenbach (DE). SAUER, Jörg; 6755
Biltmore Court, Mobile, AL 36695 (US).
THIELE, Georg; Julius-Leber-Strasse 6,
63450 Hanau (DE).

(74) STERNAGEL, FLEISCHER, GODE-
MEYER & PARTNER; Braunsberger Feld
29, 51429 Bergisch Gladbach (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 301/12

(11) WO 02/085873 (13) A1

(21) PCT/EP02/02286

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en (26) en

(30) 01105247.9 5 Mar/mar 2001 EP
(05.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR THE EPOXIDATION OF
OLEFINS
• PROCEDE D'EPOXYDATION D'OLE-
FINES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz
1, 40474 Düsseldorf (DE). UHDE GMBH
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(72) HAAS, Thomas; Lersnerstrasse 30a, 60322
Frankfurt (DE). HOFEN, Willi; Südring 54,
63517 Rodenbach (DE). SAUER, Jörg; 6755

Biltmore Court, Mobile, AL 36695 (US).
THIELE, Georg; Julius-Leber-Strasse 6,
63450 Hanau (DE).

(74) STERNAGEL, FLEISCHER, GODE-
MEYER & PARTNER; Braunsberger Feld
29, 51429 Bergisch Gladbach (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 301/12

(11) WO 02/085874 (13) A1

(21) PCT/EP02/02288

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en (26) en

(30) 01105248.7 5 Mar/mar 2001 EP
(05.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR THE EPOXIDATION OF
OLEFINS
• PROCEDE POUR L'EPOXYDATION
D'OLEFINES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz
1, 40474 Düsseldorf (DE). UHDE GMBH
[DE/DE]; Friedrich-Uhde-Strasse 15, 44141
Dortmund (DE).

(72) HAAS, Thomas; Lersnerstrasse 30a, 60322
Frankfurt (DE). HOFEN, Willi; Südring
54, 63517 Rodenbach (DE). PILZ, Stefan;
Friedrichsaustrasse 10, 89073 Ulm (DE).
THIELE, Georg; Julius-Leber-Strasse 6,
63450 Hanau (DE). WOELL, Wolfgang;
Backesweg 28a, 63477 Maintal (DE).

(74) STERNAGEL, FLEISCHER, GODE-
MEYER & PARTNER; Braunsberger Feld
29, 51429 Bergisch Gladbach (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 301/12

(11) WO 02/085875 (13) A1

(21) PCT/EP02/03299

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) MI2001A000859 24 Apr/avr 2001 IT
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTEGRATED PROCESS FOR THE
PRODUCTION OF OLEFIN OXIDES
• PROCEDE INTEGRE DE PRODUC-
TION D'OXYDES D'OLEFINES

(71) POLIMERI EUROPA S.P.A. [IT/IT]; Via
E. Fermi 4, I-72100 Brindisi (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROMANO, Ugo [IT/IT]; Via Fermi
12, I-20059 Vimercate (IT). OCCHIELLO,
Ernesto [IT/IT]; Via Pompeo Litta, 8,
I-20122 Milano (IT). PALUDETTO, Re-
nato [IT/IT]; Via Crescenzago 16, I-20134
Milan (IT).

(74) DE GREGORI, Antonella et al. / etc.; Ing.
Barzanò & Zanardo, Milano S.p.A., Via Bor-
gonuovo, 10, I-20121 Milan (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 301/12

(11) WO 02/085876 (13) A1

(21) PCT/US01/49838

(22) 28 Dec/déc 2001 (28.12.2001)

(25) en (26) en

(30) 09/841,427 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THREE STAGE PROPYLENE OXIDE
PROCESS
• PROCEDE DE GENERATION
D'OXYDE DE PROPYLENE EN TROIS
ETAPES

(71) CHEMICAL RESEARCH & LICENS-
ING COMPANY [US/US]; 10100 Bay Area
Boulevard, Pasadena, TX 77507 (US).

(72) GELBEIN, Abraham, P.; 3500 Pinetree
Terrace, Falls Church, VI 22041 (US).

(74) JOHNSON, Kenneth, H.; P.O. Box 630708,
Houston, TX 77263 (US).

(81) 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 C07D 301/26, 303/36

(11) WO 02/085877 (13) A2

(21) PCT/US02/12591

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,772 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESSES AND INTERMEDIATES FOR PREPARING BENZYL EPOXIDES
• PROCEDES ET INTERMEDIAIRES DE PREPARATION DE BENZYL EPOXYDES

(71) ELAN PHARMACEUTICALS, INC. [—/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49007 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) REEDER, Michael, R. [US/US]; 7793 Percheron Street, Kalamazoo, MI 49009 (US).

(74) SARUSSI, Steven, J.; 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).

(51)⁷ C07D 305/14

(11) WO 02/085878 (13) A1

(21) PCT/US02/13183

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/843,284 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TWO-STEP CONVERSION OF PROTECTED TAXANE ESTER TO PACLITAXEL
• CONVERSION EN DEUX ETAPES D'ESTER DE TAXANE PROTEGE EN PACLITAXEL

(71) NAPRO BIOTHERAPEUTICS, INC. [US/US]; 6304 Spine Road, Unit A, Boulder, CO 80301 (US).

(72) ZYGMUNT, Jan; 1329 Indian Paintbrush Lane, Longmont, CO 80503 (US). MCCHESNEY, James, D.; 1210 Gillaspie Drive, Boulder, CO 80303 (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 C07D 305/14

(11) WO 02/085879 (13) A1

(21) PCT/US02/13288

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/843,235 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THREE-STEP CONVERSION OF PROTECTED TAXANE ESTER TO PACLITAXEL
• CONVERSION EN TROIS ETAPES D'UN ESTER DE TAXANE PROTEGE EN PACLITAXEL

(71) NAPRO BIOTHERAPEUTICS, INC. [US/US]; 6304 Spine Road, Unit A, Boulder, CO 80301 (US).

(72) ZYGMUNT, Jan; 1329 Indian Paintbrush Lane, Longmont, CO 80503 (US). MCCHESNEY, James, D.; 1210 Gillaspie Drive, Boulder, CO 80303 (US).

(74) MARTIN, Timothy, J. et al. / etc.; 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 C07D 311/24

(11) WO 02/085880 (13) A1

(21) PCT/JP02/03872

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-120945 19 Apr/avr 2001 JP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PRODUCING NITRILE COMPOUND
• PROCEDE DE FABRICATION D'UN COMPOSE DE NITRILE

(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) QUAEDFLIEG, Peter, Jan, Leonard, Mario [NL/NL]; Kochstraat 6, NL-Geleen 6164 HB (NL). KUILMAN, Thijs [NL/NL]; Egelantierstraat 22, NL-Venlo 5925 AR (NL). JANSSEN, Johan, Willem, Joseph, Maria [NL/NL]; Lepelaarstraat 13, NL-Velden 5941 JE (NL). HASHIMOTO, Shinsuke [JP/JP]; c/o Fukui Research Institute, Ono Pharmaceutical Co., Ltd., 5-2, Technoport 1-chome, Yamagishi, Mikuni-cho, Sakai-gun, Fukui 913-0032 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 311/36

(11) WO 02/085881 (13) A1

(21) PCT/EP02/04319

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01110212.6 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR THE PREPARATION OF ISOFLAVONES
• PROCEDE DE PREPARATION D'ISOFLAVONES

(71) ROCHE VITAMINS AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURDICK, David, Carl [US/CH]; Schafmattweg 85, CH-4102 Binningen (CH).

(74) MUELLER, Ingrid; Grenzacherstrasse 124, CH-4070 Basle (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 311/56, A61K 31/37
(11) WO 02/085882 (13) A1
(21) PCT/US02/13163
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 60/286,079 24 Apr/avr 2001 US
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COUMARIN DERIVATIVES TO BE USED AS ANTICOAGULANTS
• DERIVES DE COUMARINE POUVANT ETRE UTILISES COMME ANTICOAGULANTS
(71) ARXY THERAPEUTICS [US/US]; Suite F, 2255 Martin Avenue, Santa Clara, CA 95050 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DRUZGALA, Pascal [FR/US]; 1512 Mission Boulevard, Santa Rosa, CA 95409 (US). ZHANG, Xiaoming [US/US]; 2290 Cervantes Way, Campbell, CA 95008 (US). PFISTER, Jurg, R. [US/US]; 1500 Oak Avenue, Los Altos, CA 94024 (US).
(74) SALIWANCHIK, David, R.; Saliwanchik, Lloyd & Saliwanchik, 2421 N.W. 41st Street, Suite A-1, 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).
Published / Publiée : (c)
- (51)⁷ C07D 313/12, A61K 31/335, C07C 259/06, C07D 209/88, A61P 35/00
(11) WO 02/085883 (13) A1
(21) PCT/EP02/04349
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 01109428.1 23 Apr/avr 2001 EP
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • TRICYCLIC ALKYLHYDROXAMATES, THEIR PREPARATION AND THEIR USE AS CELL PROLIFERATION INHIBITORS
• ALKYLHYDROXAMATES TRICYCLIQUES, PROCEDES DE PREPARATION ET D'UTILISATION DE CES DERNIERS EN TANT QU'INHIBITEURS DE LA PROLIFERATION CELLULAIRE
(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; 124 Grenzachstrasse, CH-4070 Basle (CH).
(72) GROSSMANN, Adelbert; Heimgartenstrasse 1, 82436 Eglfing (DE). VON DER SAAL, Wolfgang; Wachenbergstrasse 9,

- 69469 Weinheim (DE). SATTELKAU, Tim; Renzstrasse 1, 68161 Mannheim (DE). TIBES, Ulrich; Am Sandberg 102, D-60599 Frankfurt (DE).
(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), P.O. Box 11 52, 82372 Penzberg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 327/10
(11) WO 02/085884 (13) A1
(21) PCT/IN01/00092
(22) 24 Apr/avr 2001 (24.04.2001)
(25) en (26) en
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • A PROCESS FOR THE STEREOSELECTIVE PREPARATION OF INSECTICIDE 6,7,8,9,10-10-HEXAHALO-1,5,5A,6,9,9A-HEXAHYDRO-6,9-METHANO-2,4,3-BENZODIOXATHIEPIN-3-OXIDE
• PROCESSUS DE PREPARATION STEREOSELECTIVE D'INSECTICIDE 6,7,8,9,10-10-HEXAHALO-1,5,5A,6,9,9A-HEXAHYDRO-6,9-METHANO-2,4,3-BENZODIOXATHIEPIN-3-OXYDE
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(74) DEPENNING, Robert, G. et al. / etc.; Depenning & Depenning, Alaknanda, 16 Nepean Sea Road, Mumbai 400 036, Maharashtra (IN).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 401/04, 401/14, 407/04, 403/04, 413/14, 237/32, 405/04, A61K 31/502, A61P 11/06
(11) WO 02/085885 (13) A1
(21) PCT/EP02/04494
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 01110227.4 25 Apr/avr 2001 EP
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PIPERAZINO-DERIVATIVES AND THEIR USE AS PDE4 INHIBITOR
• DERIVES PIPERAZINES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PDE4
(71) ALTANA PHARMA AG [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
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(72, 75) GRUNDLER, Gerhard [DE/DE]; Meersburger Str. 4, 78464 Konstanz (DE). SCHMIDT, Beate [DE/DE]; Allensbacher Str. 5, 78476 Allensbach (DE). STERK, Geert, Jan [NL/NL]; Stadhouderslaan 38, NL-3583 JJ Utrecht (NL).
(74) ALTANA PHARMA AG; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(81) AE AL AU BA BG BR CA CN CO CU CZ DZ EC EE GE HR HU ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL RO SG SI SK TN UA US 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 C07D 401/04, 413/04, A61P 31/04, A61K 31/47
(11) WO 02/085886 (13) A2
(21) PCT/IN02/00111
(22) 24 Apr/avr 2002 (24.04.2002)
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(30) 60/286,291 25 Apr/avr 2001 US
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(30) 60/287,104 27 Apr/avr 2001 US
(27.04.2001)
(30) 60/341,365 13 Dec/déc 2001 US
(13.12.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • NEW GENERATION TRIPLE-TARGETING, CHIRAL, BROAD-SPECTRUM ANTIMICROBIAL 7-SUBSTITUTED PIPERIDINO-QUINOLONE CARBOXYLIC ACID DERIVATIVES, THEIR PREPARATION, COMPOSITIONS AND USE AS MEDICAMENTS
• NOUVELLE GENERATION DE DERIVES CHIRAUX D'ACIDE PIPERIDINO-QUINOLONE CARBOXYLIQUE

- SUBSTITUE EN 7, A TRIPLE CIBLE ET A LARGE SPECTRE ANTIMICROBIEN, LEUR PREPARATION, LEURS COMPOSITIONS ET LEUR UTILISATION COMME MEDICAMENTS
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- (74) **DE SOUZA, Noel J**; Wockhardt Research Centre, D-4, MIDC Area, Chikalthana, 431 210 Aurangabad. Maharashtra. (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 401/06, A61K 31/4725, A61P 9/00
(11) WO 02/085887 (13) A1
(21) PCT/FR02/01342
(22) 19 Apr/avr 2002 (19.04.2002)
(25) fr (26) fr
- (30) 01/05361 20 Apr/avr 2001 FR (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PHENYL- AND PYRIDYL-PIPERIDINES WITH TNF ACTIVITY
• PHENYL- ET PYRIDYL-PIPERIDINES AVEC UNE ACTIVITE DU TNF
- (71) **SANOFI-SYNTHELABO** [FR/FR]; 174 avenue de France, F-75013 Paris (FR).
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- (74) **VARADY, Peter**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 401/06, A61K 31/445, A61P 9/00, A61K 31/505, C07D 401/14, 401/06 // (C07D 211/00, 209:00), 401/06 // (C07D 241/00, 211:00)
(11) WO 02/085888 (13) A1
(21) PCT/FR02/01343
(22) 19 Apr/avr 2002 (19.04.2002)
(25) fr (26) fr
- (30) 01/05360 20 Apr/avr 2001 FR (20.04.2001)
- (30) 01/05362 20 Apr/avr 2001 FR (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TETRAHYDROPYRIDYL-ALKYL-HETEROCYCLES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME
• TETRAHYDROPYRIDYL-ALKYL-HETEROCYCLES, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANTS
- (71) **SANOFI-SYNTHELABO** [FR/FR]; 174 avenue de France, F-75013 Paris (FR).
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- (72, 75) **BARONI, Marco** [IT/IT]; Via Umberto I n°9, I-20010 Vanzago (IT). **BOURRIE, Bernard** [FR/FR]; 138, rue des Kermes, F-34980 Saint Gély du Fesc (FR). **CASELLAS, Pierre** [FR/FR]; 10, rue Carl Von Linné, F-34090 Montpellier (FR).
- (74) **VARADY, Peter**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 401/12, A61K 31/4439, A61P 1/04
(11) WO 02/085889 (13) A1
(21) PCT/IB02/01350
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
- (30) P-0100111 25 Apr/avr 2001 SI (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CRYSTALLINE FORM OF OMEPRAZOLE
• FORME CRISTALLINE D'OMEPRAZOLE
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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).

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 401/14, A61K 31/454, 31/4545, 31/497, 31/55, A61P 1/00, 1/08, 1/16, 1/18, 13/00, 17/00, 17/04, 25/04, 25/14, 25/16, 43/00

(11) WO 02/085890 (13) A1

(21) PCT/JP02/03958

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-122057 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BENZIMIDAZOLONE DERIVATIVES
• DERIVES DE BENZIMIDAZOLONE

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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 C07D 401/14, 401/12, 311/58, A61P 5/48, 3/04

(11) WO 02/085891 (13) A1

(21) PCT/US02/12940

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en

(26) en

(30) 60/285,719 23 Apr/avr 2001 US (23.04.2001)

(30) 60/324,518 26 Sep/sep 2001 US (26.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • 2,6-SUBSTITUTED CHROMAN DERIVATIVES USEFUL AS BETA-3 ADRENORECEPTOR AGONISTS

• DERIVES DE CHROMANE SUBSTITUES EN 2,6 UTILES COMME AGONISTES DU RECEPTEUR BETA3-ADRENERGIQUE

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(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 403/12, 409/14, 403/14, 401/14, 401/12, A61K 31/404, 31/415

(11) WO 02/085892 (13) A1

(21) PCT/US02/12415

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en

(26) en

(30) 60/285,643 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HETEROCYCLYOXY-, -THIOXY- AND -AMINO BENZAZOLE DERIVATIVES AS 5-HYDROXYTRYPTAMINE-6 LIGANDS

• DERIVES D'HETEROCYCLYOXY-, -THIOXY- ET AMINO BENZAZOL SERVANT DE LIGANDS DE 5-HYDROXYTRYPTAMINE-6

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(72) ZHOU, Ping; 28 Marion Drive, Plainsboro, NJ 08536 (US). HARRISON, Boyd, Lynn; 9 Wheatston Court, Princeton Junction, NJ 08550 (US). LI, Yanfang; 3 Woodlane Road, Lawrenceville, NJ 08648 (US).

(74) BERG, Egon, E.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (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).

(51)⁷ C07D 405/04

(11) WO 02/085893 (13) A1

(21) PCT/KR02/00713

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ko

(26) en

(30) 2001/21138 19 Apr/avr 2001 KR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NEW AZIRIDINE DERIVATIVES AND THEIR PREPARATION METHODS

• NOUVEAUX DERIVES AZIRIDINE ET PROCEDES DE PREPARATION DE CES DERNIERS

(71) SAMCHULLY PHARM. CO., LTD. [KR/KR]; 947-7, Daechi-dong, Kangnam-gu, Seoul 135-280 (KR).

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

(72, 75) KANG, Jae-Sung [KR/KR]; 102-1402, Dongmoon Apt, 690(1/12), Poongdukcheon-ri, Suji-cup, Yongin-si, Kyunggi-do 449-846 (KR). CHANG, Sun-Ki [KR/KR]; 208-401, Jookong Apt, Sanbon-dong, Kunpo-si, Kyunggi-do 435-040 (KR). SEOL, Kyoung-Mee [KR/KR]; 304, 1621-4, Jeongwang-dong, Siheung-si, Kyunggi-do 429-450 (KR). KIM, Min-Kyu [KR/KR]; 202, Joyang Grand Mansion, 118-11, Koian-dong, Sosa-gu, Bucheon-si, Kyunggi-do 422-803 (KR).

(74) YOON, Eui-Seoup; Yoones & Co, 3F Namdo Bldg., 823-24 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 405/04, 221/16, 409/04, 401/04, A61K 31/473, A61P 7/00, 11/06, 29/00, 31/18, 37/00

(11) WO 02/085894 (13) A1

(21) PCT/US02/11823

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/284,465 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARYLINDENOPYRIDINES WITH PDE INHIBITING ACTIVITY

• ARYLINDENOPYRIDINES PRESENTANT UNE ACTIVITE D'INHIBITION DES PDE

(71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; US Route 202, Raritan, NJ 08869-0602 (US).

(72) HEINTZELMAN, Geoffrey, R.; 74 Lilac Drive, Annandale, NJ 08801 (US). AVERILL, Kristin, M.; 8 Beavers Street, High Bridge, NJ 08829 (US). DODD, John, H.; 36 Sandy Ridge Road, Stockton, NJ 08559 (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)

(51)⁷ C07D 405/12, A61K 31/517, A61P 35/00

(11) WO 02/085895 (13) A1

(21) PCT/GB02/01734

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 01401007.8 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • QUINAZOLINE DERIVATIVES

• DERIVES QUINAZOLINE

(71) ASTRAZENECA AB [SE/SE]; Sodertalje, S-151 85 (SE).

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

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1Y 6LN (GB).

(only for / seulement pour MG)

(72, 75) PLE, Patrick [FR/FR]; Z.I. La Pompelle, BP 1050, F-51689 Reims Cedex 2 (FR).

(74) TAIT, Brian, Steele; ASTRAZENECA, Global Intellectual Property, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 405/14, 471/04, A61K 31/437, A61P 25/24

(11) WO 02/085896 (13) A1

(21) PCT/US02/12843

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,056 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIDEPRESSANT AZAHETEROCYCLYL METHYL DERIVATIVES OF 2,3-DIHYDRO-1,4-BENZODIOXAN

• DERIVES AZAHETEROCYCLYL METHYLE ANTIDEPRESSEURS DE 2,3-DIHYDRO-1,4-BENZODIOXANE

(71) WYETH [US/US]; a corporation of the State of Delaware, USA, Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) HUSBANDS, George, Edward, Morris; 258 Dayleview Road, Berwyn, PA 19312 (US). STACK, Gary, Paul; 525 Brookfield Lane, Ambler, PA 19002 (US). MEWSHAW, Richard, Eric; 251 West DeKalb Pike, Apartment B-509, King of Prussia, PA 19406 (US). CLIFFE, Ian, Anthony; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh, Wokingham G41 5Ua (GB).

(74) BARRETT, Rebecca, R.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 (US) et al. / etc.

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

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

FI FR GB GR IE IT LU MC NL PT 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 409/00

(11) WO 02/085897 (13) A1

(21) PCT/IB02/01137

(22) 2 Apr/avr 2002 (02.04.2002)

(25) en (26) en

(30) 60/281,380 5 Apr/avr 2001 US (05.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HETEROCYCLIC COMPOUNDS FOR AGING-RELATED AND DIABETIC VASCULAR COMPLICATIONS

• COMPOSES HETEROCYCLIQUES POUR DES COMPLICATIONS VASCULAIRES DIABETIQUES ET LIEES AU VIEILLISSEMENT

(71, 72) SANKARANARAYANAN, Alangudi [IN/IN]; B-7, Swastik Park, Premchandnagar Road, Opp Judges' Bungalows, Ahmedabad - 380015, Gujarat State (IN).

(74) AHUJA, Sudhir, D. et al. / etc.; D. P. Ahuja & Co., 53, Syed Amir Ali Avenue, Calcutta - 700019, West Bengal (IN).

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

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

(u) for / pour US only / seulement

(51)⁷ C07D 413/14, A61K 31/7028

(11) WO 02/085898 (13) A1

(21) PCT/KR02/00761

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 2001/22406 25 Apr/avr 2001 KR (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLATHRATE OF AZITHROMYCIN HYDRATE WITH 1,2-PROPYLENEGLYCOL, METHOD FOR THE MANUFACTURE THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING SAME

• CLATHRATE D'HYDRATE D'AZITHROMYCINE AVEC 1,2-PROPYLENEGLYCOL, PROCEDE DE FABRICATION CORRESPONDANT ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT

(71) HANMI PHARM. CO., LTD. [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-gun, Kyungki-do 445-910 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUH, Kwee, Hyun [KR/KR]; Dae-woo 2-cha Apt. 205-1301, #244-3, Jeungpo-dong, Icheon-si, Kyungki-do 467-110 (KR). KIM, Gi, Jeong [KR/KR]; #493-141, Sinnac-dong, Jungang-gu, Seoul 131-130 (KR). YOON, Sang, Min [KR/KR]; Kumgang Apt. 1103-302, #213, Kumi-dong, Bundang-gu, Seongnam-si, Kyungki-do 463-500 (KR). SEONG, Mi, Ra [KR/KR]; Halla Apt. 305-1005, #181, Kumgok-dong, Bundang-gu, Seongnam-si, Kyungki-do 463-480 (KR). LEE, Gwan, Sun [KR/KR]; Keukdong Apt. 2-806, Karak-dong, Songpa-gu, Seoul 138-160 (KR).

(74) JANG, Seong, Ku et al. / etc.; 17th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AU BR CA CN CZ HU IL JP MX NZ PL RU 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 C07D 417/06, 401/06, 211/60, 405/06, 409/06, A61K 31/445, A61P 29/00

(11) WO 02/085899 (13) A1

(21) PCT/US02/12638

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,051 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HETEROCYCLYLIDICARBAMIDES AS CASPASE INHIBITORS
• HETEROCYCLYL-DICARBAMIDES EN TANT QU'INHIBITEURS DE CASPASE

(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) DIU-HERCEND, Anita [FR/FR]; 39, rue Gabrielle, F-94220 Charenton-le-Pont (FR). GOLEC, Julian [GB/GB]; 8 Manor Farm, Chapel Road, Ashbury, Swindon, Wiltshire SN6 8LS (GB). HERCEND, Thierry [FR/FR]; 39, rue Gabriel, F-94220 Charenton-le-Pont (FR). KNEGTEL, Ronald [NL/GB]; 92 Andersey Way, Abingdon, Oxfordshire OX14 5NW (GB). LANG, Paul [FR/FR]; Bucquingny, F-74250 Viuz-en-Sallaz (FR). MILLER, Andrew [GB/GB]; Cherry Cottage, Chilton Road, Upton, Didcot, Oxfordshire OX11 9JC (GB). MILLER, Karen [GB/GB]; Tanglewood, West Ilsley, Newbury, Berkshire RG20 7AL (GB). MORTIMORE, Michael [GB/GB]; Walrus House, 156 The Hill, Burford, Oxfordshire OX18 4QY (GB). WEBER, Peter [DE/GB]; 76 West St. Helens Street, Abingdon, Oxfordshire OX14 5BP (GB).

(74) HALEY, James, F.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (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 C07D 451/06, A61K 31/46, A61P 25/00

(11) WO 02/085900 (13) A1

(21) PCT/US02/12837

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,061 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • 8-AZA-BICYCLO[3.2.1]OCTAN-3-OL DERIVATIVES OF 2,3-DIHYDRO-1,4-BENZODIOXAN AS 5-HT_{1A} ANTAGONISTS

• DERIVES DE 8-AZA-BICYCLO[3.2.1]OCTAN-3-OL DE 2,3-DIHYDRO-1,4-BENZODIOXAN UTILISES COMME ANTAGONISTES 5-HT_{1A}

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) GILBERT, Adam, Matthew; 2 Plainview Court, Congers, NY 10920 (US). STACK, Gary, Paul; 525 Brookfield Lane, Ambler, PA 19002 (US).

(74) BARRETT, Rebecca, R.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (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 C07D 453/02, 487/08, A61K 31/435, 31/44, 31/445, 31/505, A61P 25/00 // C07D 487/08, (C07D 209/00, 209/00), 471/08, (C07D 221/00, 209/00), 471/08, (C07D 223/00, 221/00)

(11) WO 02/085901 (13) A1

(21) PCT/US02/08268

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,950 19 Apr/avr 2001 US (19.04.2001)

(30) 60/348,904 26 Oct/oct 2001 US (26.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SUBSTITUTED AZABICYCLIC MOIETIES FOR THE TREATMENT OF DISEASE (NICOTINIC ACETHYLCHOLINE RECEPTOR ANTAGONISTS)

• FRACTIONS AZABICYCLIQUES SUBSTITUEES POUR LE TRAITEMENT DE MALADIES (ANTAGONISTES DU RECEPTEUR D'ACETHYLCHOLINE NICOTINIQUE)

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) JACOBSEN, E. Jon [US/US]; 6233 Bethany Circle, Richland, MI 49083 (US). WALKER, Daniel, P. [US/US]; 9350 Highlandview Drive, Kalamazoo, MI 49009 (US). MYERS, Jason, K. [US/US]; 1028 Homecrest Avenue, Kalamazoo, MI 49001 (US). PIOTROWSKI, David, W. [US/US]; 3248 Lost Pine Way, Portage, MI 49024 (US). GROPPI, Vincent, E., Jr. [US/US]; 318 Sprague Avenue, Kalamazoo, MI 49006 (US).

(74) HOSLEY, Mary, J.; Pharmacia & Upjohn Company, Global Intellectual Property, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 457/06

(11) WO 02/085902 (13) A1

(21) PCT/IL01/00344

(22) 16 Apr/avr 2001 (16.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS AND INTERMEDIATES FOR PRODUCTION OF CABERGOLINE AND RELATED COMPOUNDS

• PROCEDE ET INTERMEDIAIRES DE PRODUCTION DE CABERGOLINE ET DE COMPOSES ASSOCIES

(71) FINETECH LTD. [IL/IL]; Technion City, P.O. Box 3557, 31032 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTMAN, Arie, L. [IL/IL]; 9/22 Shindler Street, Haifa 34996, 34996 Haifa (IL). NISNEVICH, Gennadiy [IL/IL]; 38/2 Hayarden Street, 32496 Haifa (IL). RUKHMAN, Igor [IL/IL]; 83/4 Moshe Sharet Street, 29000 Kyriat Yam (IL). TISHIN, Boris [IL/IL]; 46/63 Leon Blum Street, 33852 Haifa (IL). VILENSKY, Alex [IL/IL]; 13a/10 Halyah Shniya Street, 35254 Haifa (IL). PERTSIKOV, Boris [IL/IL]; 4/3 Nativ Harimon, 36781 Neshar (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 471/04, C07F 7/22, 13/00, A61K
49/00, 51/00, 31/437, A61P 25/28 // (C07D
471/04, 235:00, 221:00)

(11) WO 02/085903 (13) A2

(21) PCT/US02/12626

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,282 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • **AMYLOID PLAQUE AGGREGATION
INHIBITORS AND DIAGNOSTIC
IMAGING AGENTS**
• **INHIBITEURS D'AGREGATION DE
PLAQUE AMYLOIDE ET AGENTS
D'IMAGERIE DIAGNOSTIQUE**

(71, 72) **KUNG, Hank** [US/US]; 525 Foxglove
Lane, Wynnewood, PA 19096 (US). **KUNG,
Mei-Ping** [US/US]; 525 Foxglove Lane,
Wynnewood, PA 19096 (US). **ZHUANG,
Zhi-Ping** [US/US]; 102 Misty Meadow
Lane, Lansdale, PA 19446 (US).

(74) **COVERT, John, M. 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).

(51)⁷ C07D 473/00

(11) WO 02/085904 (13) A1

(21) PCT/US02/11151

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/839,290 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • **SNYTHESIS AND METHODS OF
USE OF PURINE ANALOGUES AND
DERIVATIVES**

- **SYNTHESE ET PROCEDES D'UTI-
LISATION D'ANALOGUES ET DE
DERIVES DE PURINE**

(71) **NEOTHERAPEUTICS, INC.** [US/US];
157 Technology Drive, Irvine, CA 92618
(US).

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

(72, 75) **FICK, David, B.** [US/US]; 1433 Supe-
rior Avenue, #373, Newport Beach, CA 92663
(US). **FOREMAN, Mark, M.** [US/US]; 2480
Irvine Boulevard, #159, Tustin, CA 92782
(US). **GLASKY, Alvin, J.** [US/US]; 11955
Lambert, Tustin, CA 92782 (US).

(74) **CULLMAN, Louis, C. et al.** / etc.; Oppen-
heimer Wolff & Donnelly LLP, Suite 700, 840
Newport Center Drive, Newport Beach, CA
92660-7007 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07D 473/16, 473/18, 473/24, A61K
31/52, A61P 11/06, 17/00, 31/12, 31/18,
31/20, 35/00, 37/02, 37/06, 37/08, 43/00

(11) WO 02/085905 (13) A1

(21) PCT/JP02/03727

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(30) 2001-118232 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • **NOVEL ADENINE DERIVATIVES**

- **NOUVEAUX DERIVES D'ADENINE**

(71) **JAPAN ENERGY CORPORATION**
[JP/JP]; 10-1, Toranomon 2-chome, Mi-
nato-ku, Tokyo 105-8407 (JP). **SUMIT-
OMO PHARMACEUTICALS COM-
PANY, LIMITED** [JP/JP]; 2-8, Doshomachi
2-chome, Chuo-ku, Osaka-shi, Osaka
541-8510 (JP).

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

(72, 75) **ISOBE, Yoshiaki** [JP/JP]; c/o JAPAN
ENERGY CORPORATION, 17-35, Niizom-
inami 3-chome, Toda-shi, Saitama 335-8502
(JP). **OGITA, Haruhisa** [JP/JP]; c/o JAPAN
ENERGY CORPORATION, 17-35, Niizom-
inami 3-chome, Toda-shi, Saitama 335-8502
(JP). **TOBE, Masanori** [JP/JP]; c/o JAPAN
ENERGY CORPORATION, 17-35, Ni-
izominami 3-chome, Toda-shi, Saitama
335-8502 (JP). **TAKAKU, Haruo** [JP/JP];
c/o JAPAN ENERGY CORPORATION,
17-35, Niizominami 3-chome, Toda-shi,
Saitama 335-8502 (JP). **OGINO, Tetsuhiro**
[JP/JP]; 2-10-4-433, Sonehigashimachi,
Toyonaka-shi, Osaka 561-0802 (JP). **KURI-
MOTO, Ayumu** [JP/JP]; 4-30-103, Moriki-
tamachi 3-chome, Higashinadaku, Kobe-shi,
Hyogo 658-0001 (JP). **KAWAKAMI, Ha-
jime** [JP/JP]; 16-11, Jyurinjiminamimachi,
Nishinomiya-shi, Hyogo 662-0002 (JP).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 487/00

(11) WO 02/085906 (13) A2

(21) PCT/EP02/04438

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 01110228.2 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • **NOVEL PHTHALAZINONES**

- **PHTHALAZINONES**

(71) **ALTANA PHARMA AG** [DE/DE];
Byk-Gulden-Strasse 2, 78467 Konstanz
(DE).

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

(72) **HATZELMANN, Armin**; Alter Wall
3, 78467 Konstanz (DE). **MARX,
Degenhard**; Fichtenstrasse 6, 78315
Radolfzell-Markelfingen (DE). **STEIN-
HILBER, Wolfram**; Herzog-Erchanger-Str.
16, 78333 Stockach (DE).

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

(72, 75) **STERK, Geert, Jan** [NL/NL]; Stadhouderslaan 38, NL-3583 JJ UTRECHT (NL).

(74) **ALTANA PHARMA AG**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).

(81) AE AL AU BA BG BR CA CN CO CU CZ DZ EC EE GE HR HU ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL RO SG SI SK TN UA US 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 C07D 487/04, A61K 31/5517, A61P 5/10, 15/06

(11) WO 02/085907 (13) A1

(21) PCT/US02/11533

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/283,389 12 Apr/avr 2001 US (12.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOVEL 3-C(O)R SUBSTITUTED 10-CYCLOHEXYLBENZOYL PYRROLOBENZODIAZEPINES; TO-COLYTIC OXYTOCIN RECEPTOR ANTAGONISTS

• NOUVEAUX COMPOSES 10-CYCLOHEXYLBENZOYL PYRROLOBENZODIAZEPINES 3-C(O)R SUBSTITUES; ANTAGONISTES DES RECEPTEURS DE L'OXYTOCINETOCOLYTIQUE

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **FAILLI, Amedeo, Arturo**; 14 Landing Lane, Princeton Junction, NJ 08550 (US). **DUSZA, John, Paul**; 24 Convent Road, Nanuet, NY 10954 (US). **TRYBULSKI, Eugene, John**; 5 Lee Court, Princeton Junction, NJ 08550 (US). **MEMOLI, Kevin, Anthony**; The Orchard Apartment 139F, Cranbury, NJ 08512 (US). **SHUMSKY, Jay, Scott**; 121 Park Avenue, Hightstown, NJ 08520 (US).

(74) **MILOWSKY, Arnold, S.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 (US) et al. / etc.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/4985

(11) WO 02/085908 (13) A1

(21) PCT/US02/13045

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,082 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FOLATE MIMETICS AND FOLATE-RECEPTOR BINDING CONJUGATES THEREOF

• MIMETIQUES DE FOLATE ET SES CONJUGUES DE LIAISON AUX RECEPTEURS DE FOLATE

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US). **ENDOCYTE, INC.** [US/US]; 1205 Kent Avenue, West Lafayette, IN 47906 (US).

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

(72, 75) **GREEN, Mark, A.** [US/US]; 495 Littleton Street, West Lafayette, IN 47906 (US). **LEAMON, Christopher, P.** [US/US]; 5830 Farm Ridge Road, West Lafayette, IN 47906 (US). **KE, Chun-Yen** [—/US]; 286 Littleton Street, West Lafayette, IN 47906 (US).

(74) **SANDBERG, Victoria, A.**; Muecting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 487/14, 471/14, 487/04, 498/14, 513/14, 495/04, A61K 31/519

(11) WO 02/085909 (13) A1

(21) PCT/US02/12395

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/205,217 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • 9-DEAZAGUANINE DERIVATIVES AS INHIBITORS OF GSK-3

• DERIVES DE 9-DEAZAGUANINE UTILISES COMME INHIBITEURS DE LA GSK-3

(71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; Patent Department, 130 Waverly Street, Cambridge, MA 02139 (US).

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

(71, 72) **CAO, Jingrong** [CN/US]; 45 Madison Avenue, Newton, MA 02460 (US). **CHOQUETTE, Debbie** [US/US]; 17 Blakely Road, Medford, MA 02155 (US). **DAVIES, Robert** [US/US]; 55 Orient Avenue, Arlington, MA 02155 (US). **FORSTER, Cornelia** [US/US]; 8 Nancy Avenue, Pelham, NH 03076 (US). **LAUFFER, David** [US/US]; 254 Taylor Road, Stow, MA 01775 (US). **PIERCE, Albert** [US/US]; 123 Orchard Street Apt. 36, Somerville, MA 02144 (US). **TOMLINSON, Ronald** [US/US]; 317 Dicenzo Blvd, Marlborough, MA 01752 (US). **WANNAMAKER, Marion** [US/US];

375 Harvard Road, Stow, MA 01775 (US). **METZ, Natalie** [US/US]; 30 Royal Court, Shelton, CT 06484 (US).

(74) **ROBIDOUX, Andrea et al. / etc.**; Vertex Pharmaceuticals Inc., 130 Waverly Street, Cambridge, MA 02139-4242 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 491/04, A61K 31/47, A61P 25/28

(11) WO 02/085910 (13) A1

(21) PCT/JP02/03916

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 2001-121681 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-121682 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLYMORPH FORMS OF N-(2,3-DIMETHYL-5,6,7,8-TETRAHYDROFURO[2,3-B]QUINOLIN-4-YL)-2-(2-OXOPYRROLIDIN-1 -YL)ACETAMIDE

• FORMES POLYMORPHES DE N-(2,3-DIMETHYL-5,6,7,8-TETRAHYDROFURO[2,3-B]QUINOLIN-4-YL)-2-(2-OXOPYRROLIDIN-1 -YL)ACETAMIDE

(71) **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

(72, 75) **YAMABE, Haruko** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **ISHIGE, Takanori** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).

(74) **TAKAYANAGI, Masau**; MITSUBISHI PHARMA CORPORATION, Intellectual Property Department, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).

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

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

- FI FR GB GR IE IT LU 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 491/04, 491/056, A61K 31/357,
31/445, 31/475, A61P 25/24
- (11) WO 02/085911 (13) A1
- (21) PCT/US02/12847
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,301 25 Apr/avr 2001 US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANTIDEPRESSANT AZAHETERO-
CYCLYLMETHYL DERIVATIVES OF
1,4-DIOXINO[2,3-b]PYRIDINE
- DERIVES AZAHETEROCYCLYL-
METHYLIQUES ANTIDEPRESSIFS
(SSRI) DE 1,4-DIOXINO[2,3-B]PYRI-
DINE
- (71) WYETH [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).
- (72) TRAN, Megan; Apt. 3G, 82 Clinton Street,
Hoboken, NJ 07030 (US). STACK, Gary,
Paul; 525 Brookfield Lane, Ambler, PA
19002 (US).
- (74) BARRETT, Rebecca, R.; Wyeth, Patent
Law Department, Five Giralda Farms, Madi-
son, NJ 07940 (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)
- (51)⁷ C07D 499/42, 499/18, 501/12, 501/18
- (11) WO 02/085913 (13) A1
- (21) PCT/JP02/03793
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-119379 18 Apr/avr 2001 JP
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PENICILLIN AND CEPHALOSPORIN
COMPOUND
- COMPOSE DE PENICILLINE ET DE
CEPHALOSPORINE
- (71) OTSUKA KAGAKU KABUSHIKI
KAISHA [JP/JP]; 2-27, Otedori 3-chome,
Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).
- (72) KAMEYAMA, Yutaka; c/o OTSUKA KA-
GAKU KABUSHIKI KAISHA, Tokushima
Laboratory, 463, Kagasuno, Kawauchi-cho,
Tokushima-shi, Tokushima 771-0193 (JP).
FUKAE, Kazuhiro; c/o OTSUKA KA-
GAKU KABUSHIKI KAISHA, Tokushima
Laboratory, 463, Kagasuno, Kawauchi-cho,
Tokushima-shi, Tokushima 771-0193 (JP).
- (74) TAMURA, Iwao; TAMURA PATENT OF-
FICE, 9-22, Terauchi 1-chome, Toyonaka-shi,
Osaka 561-0872 (JP).
- (81) CN KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
- (51)⁷ C07D 501/04, 501/36, C12P 35/06
- (11) WO 02/085914 (13) A2
- (21) PCT/EP02/04353
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 01201426.2 19 Apr/avr 2001 EP
(19.04.2001)
- (30) 01201699.4 9 May/mai 2001 EP
(09.05.2001)
- (30) 01201718.2 9 May/mai 2001 EP
(09.05.2001)
- (30) 2001/1024 30 Nov/nov 2001 IE
(30.11.2001)
- (30) 2001/1025 30 Nov/nov 2001 IE
(30.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (51)⁷ C07D 491/04, 519/00, A61K 31/4188,
A61P 25/00
- (11) WO 02/085912 (13) A1
- (21) PCT/US02/12933
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,229 25 Apr/avr 2001 US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANTIPSYCHOTIC AMINOMETHYL
DERIVATIVES OF 7,8-DIHY-
DRO-3H-6,9-DIOXA-1,3-DIAZA-CY-
CLOPENTA[a]NAPHTHALENE
- DERIVES AMINOMETHYLES AN-
TIPSYCHOTIQUES DE 7,8-DIHY-
DRO-3H-6,9-DIOXA-1,3-DIAZA-CY-
CLOPENTA[A]NAPHTHALENE
- (71) WYETH [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).
- (72) STACK, Gary, Paul; 525 Brookfield Lane,
Ambler, PA 19002 (US). NELSON, James,
Albert; 7 Decision Way West, Washington
Crossing, PA 18977 (US).
- (74) BARRETT, Rebecca, R.; Wyeth, Patent
Law Dept., Five Giralda Farms, Madison, NJ
07940 (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).
- (54) • A PROCESS FOR PREPARING
3-CEPHALOSPORANIC ACID
DERIVATIVES USING α -KETOACID
DERIVATIVES
- PROCEDE PERMETTANT DE PREPA-
RER DES DERIVES D'ACIDE 3-CE-
PHALOSPORANIQUE A L'AIDE DE
DERIVES D'ACIDE CETONIQUE AL-
PHA
- (71) BIOFERMA MURCIA, S.A. [ES/ES]; Pol.
Ind. "Las Salinas", Avenida de Europa, s/n,
ES-30840 Alhama de Murcia (Murcia) (ES).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SANCHEZ-FERRER, Alvaro [ES/ES];
C/Veronicas, 15, E-30820 Alcantarilla, Mur-
cia (ES). LOPEZ-MAS, Jose Aniceto
[ES/ES]; C/Antonio Sansano Franco, N^o 20,
1 Derecha, E-03204 Elche, Alicante (ES).
GARCIA-CARMONA, Francisco [ES/ES];
C/Islandas Medas n^o 17, E-30500 La Alcaina
Molina de Segura, Murcia (ES).
- (74) DAVILA BAZ, Angel; CLARKE, MODET
& CO, c/Goya no.11, ES-28012 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 513/04, A01N 43/90 // (C07D
513/04, 277:00, 235:00) (C07D 513/04,
277:00, 239:00)
- (11) WO 02/085915 (13) A2
- (21) PCT/EP02/04176
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) de (26) de
- (30) 101 19 422.6 20 Apr/avr 2001 DE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOVEL INSECTICIDAL AZOLES
- AZOLES A EFFET INSECTICIDE
- (71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) JESCHKE, Peter [DE/DE]; Kalmün-
tener Str. 44a, 51467 Bergisch Gladbach
(DE). BECK, Michael [DE/DE]; In den
Weiden 6, 41363 Jüchen (DE). KRÄMER,
Wolfgang [DE/DE]; Rosenkranz 25, 51399
Burscheid (DE). WOLLWEBER, Detlef
[DE/DE]; Paul-Ehrlich-Strasse 17, 42113
Wuppertal (DE). ERDELEN, Christoph
[DE/DE]; Unterbüschherhof 15, 42799 Leich-
lingen (DE). TURBERG, Andreas [DE/DE];
Sinterstr. 86, 42781 Haan (DE). HANSEN,
Olaf [DE/DE]; Tannenweg 43, 40764 Lan-
genfeld (DE). MARTIN, Hans-Dieter
[DE/DE]; Kohlruschweg 24, 40591 Düs-
seldorf (DE). SAUER, Piet [DE/DE]; West-
strasse 5a, 40822 Mettmann (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 C07F 5/02, A61K 31/69

(11) WO 02/085916 (13) A1

(21) PCT/US02/12508

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/841,148 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • 9-[(5-DIHYDROXYBORYL)-PENTYL] PURINES, INHIBITOR OF INFLAMMATORY CYTOKINES

• 9-[(5-DIHYDROXYBORYL)-PENTYL]PURINES, INHIBITEUR DE CYTOKINES INFLAMMATOIRES

(63) US 09/841,148 (CIP) 24 Apr/avr 2001 (24.04.2001)

(71) **UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US). **LEUKOMED, INC.** [US/US]; 10441 Leslie Drive, Raleigh, NC 27615 (US).

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(72, 75) **ISHAQ, Khalid, S.** [US/US]; 105 Hunter Hill Place, Chapel Hill, NC 27514 (US). **CIANCIOLO, George, J.** [US/US]; 7704 Amesbury Drive, Chapel Hill, NC 27514 (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).

Published / Publiée : (c)

(51)⁷ C07F 7/00, C08F 10/00

(11) WO 02/085917 (13) A1

(21) PCT/EP02/03184

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) MI2001A000858 24 Apr/avr 2001 IT (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TITANIUM CATALYSTS, PREPARATION AND USE IN CO- AND TER-POLYMERIZATION OF ALPHA-OLEFINS

• CATALYSEURS DE TITANE, LEUR PREPARATION ET UTILISATION DANS LA CO-POLYMERISATION ET LA TER-POLYMERISATION D'ALPHA-OLEFINES

(71) **POLIMERI EUROPA S.P.A.** [IT/IT]; Via E. Fermi, 4, I-72100 Brindisi (IT).

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(72, 75) **MASI, Francesco** [IT/IT]; Via Galvani, 7, I-26866 Sant'Angelo Lodigiano-Lodi (IT). **SANTI, Roberto** [IT/IT]; Viale Piazza d'Armi, 24 F, I-28100 Novara (IT). **RAMELLO, Stefano** [IT/IT]; Via Alfieri, 15/D, I-28100 Novara (IT). **SOMMAZZI, Anna** [IT/IT]; Piazza Mazzini, 10, I-16038 Santa Margherita Ligure-Genova (IT). **PROVERA, Roberto** [IT/IT]; Via Varallo Sesia 2, I-13100 Vercelli (IT). **PROTO, Antonio** [IT/IT]; Via Fara, 59, I-28100 Novara (IT).

(74) **DE GREGORI, Antonella et al.** / etc.; Ing Barzano & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/02, 9/22

(11) WO 02/085918 (13) A1

(21) PCT/US02/10953

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 60/282,952 11 Apr/avr 2001 US (11.04.2001)

(30) 10/116,952 5 Apr/avr 2002 US (05.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A FACILE SYNTHESIS OF SYMMETRIC ESTERS OF ALKYLENEBISPHOSPHONIC ACIDS

• SYNTHÈSE FACILE D'ESTERS SYMMÉTRIQUES D'ACIDES D'ALCOYLENE BISPHOSPHONIQUES

(71) **LOYOLA UNIVERSITY OF CHICAGO** [US/US]; 820 N. Michigan Avenue, Chicago, IL 60611 (US).

(72) **HERLINGER, Albert, W.**; 2203 Larkdale Drive, Glenview, IL 60025 (US). **STEPINSKI, Dominique, C.**; 2325 N. Neva, Apt. 108, Chicago, IL 60707 (US).

(74) **GAMSON, Edward, P. et al.** / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PL RO SG SI SK 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).

Published / Publiée : (c)

(51)⁷ C07F 9/28, H01M 10/40

(11) WO 02/085919 (13) A1

(21) PCT/EP02/03288

(22) 23 Mar/mar 2002 (23.03.2002)

(25) de (26) de

(30) 101 19 278.9 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PRODUCING FLUOROALKYLPHOSPHATES

• PROCÉDE DE PRODUCTION DE PHOSPHATES DE FLUOROALKYLE

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/02

(11) WO 02/085920 (13) A2

(21) PCT/IB02/02136

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/273,772 8 Mar/mar 2001 US (08.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ALKANE AND ALKANE GROUP DEHYDROGENATION WITH ORGANOMETALLIC CATALYSTS
• DESHYDROGENATION D'ALCANES ET DE GROUPEMENTS ALCANE A L'AIDE DE CATALYSEURS ORGANOMETALLIQUES

(71) ORALBEKOV, Bakytzhan [KZ/RU]; 7th Line, 62, #15, V.O., St. Petersburg (RU).
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(71, 72) KORIDZE, Avtandil [RU/RU]; Pylugin Street, 26, Corp. 2, Apartment 511, 117393 Moscow (RU).

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

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

(51)⁷ C07J 63/00, A61K 31/565, A61P 5/44, 11/06

(11) WO 02/085921 (13) A2

(21) PCT/EP02/02249

(22) 1 Mar/mar 2002 (01.03.2002)

(25) de (26) de

(30) 60/272,035 1 Mar/mar 2001 US (01.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIMPLE METHOD FOR THE SYNTHESIS OF BOSWELLIC ACIDS AND DERIVATIVES THEREOF
• PROCÉDE SIMPLE DE SYNTHÈSE D'ACIDES BOSWELLIQUES ET DE DERIVES DE CEUX-CI

(71, 72) JAUCH, Johann [DE/DE]; Moosburger Strasse 36, 85462 Eitting-Gaden (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/085922 (13) A2

(21) PCT/US02/11634

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/285,748 23 Apr/avr 2001 US (23.04.2001)

(30) 60/286,068 24 Apr/avr 2001 US (24.04.2001)

(30) 60/286,292 25 Apr/avr 2001 US (25.04.2001)

(30) 60/288,334 3 May/mai 2001 US (03.05.2001)

(30) 60/291,241 16 May/mai 2001 US (16.05.2001)

(30) 60/322,284 14 Sep/sep 2001 US (14.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTEINS AND NUCLEIC ACIDS ENCODING SAME
• PROTEINES ET ACIDES NUCLEIQUES CODANT POUR CELLES-CI

(63) US 60/285,748 (CIP)

23 Apr/avr 2001 (23.04.2001)

US 60/286,068 (CIP)

24 Apr/avr 2001 (24.04.2001)

US 60/286,292 (CIP)

25 Apr/avr 2001 (25.04.2001)

US 60/288,334 (CIP)

3 May/mai 2001 (03.05.2001)

US 60/291,241 (CIP)

16 May/mai 2001 (16.05.2001)

US 60/322,284 (CIP)

14 Sep/sep 2001 (14.09.2001)

(71) CURAGEN CORPORATION [US/US]; 555 Long Wharf Drive, 11th floor, New Haven, CT 06511 (US). MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sydney Street, Cambridge, MA 02139 (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 C07K

(11) WO 02/085923 (13) A2

(21) PCT/US02/12465

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,030 19 Apr/avr 2001 US (19.04.2001)

(30) 60/355,514 6 Feb/fév 2002 US (06.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IN VIVO INCORPORATION OF UNNATURAL AMINO ACIDS
• INCORPORATION IN VIVO D'ACIDES AMINES NON NATURELS

(71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
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ZHANG, Zhiwen [CN/US]; 7045 Charmant Drive, #33, San Diego, CA 92122 (US).

(74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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

(11) WO 02/085924 (13) A2

(21) PCT/US02/13063

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,860 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • ANTI- α 3(IV)NC1 MONOCLONAL ANTIBODIES AND ANIMAL MODEL FOR HUMAN ANTI-GLOMERULAR BASEMENT MEMBRANE AUTOANTIBODY DISEASE

- ANTICORPS MONOCLONAUX ANTI-SG(A)3(IV)NC1 ET MODELE ANIMAL DE LA GLOMERULONEPHRITIS AUTO-IMMUNE HUMAINE

(71) ABGENIX, INC. [US/US]; 7601 Dumbarton Circle, Fremont, CA 94555 (US). THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Suite 200, 3160 Chestnut Street, Philadelphia, PA 19104-6283 (US).

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(72, 75) MADAIO, Michael, P. [US/US]; 205 Cornell Drive, Bryn Mawr, PA 19010 (US). GALLO, Michael, L. [US/CA]; 2650 Colwood Drive, North Vancouver, British Columbia V7R 2R1 (CA).

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

CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)

(51)⁷ C07K

(11) WO 02/085925 (13) A2

(21) PCT/US02/13340

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,610 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MELANOCORTIN RECEPTOR LIGANDS

- LIGANDS RECEPTEURS DE MELANOCORTINE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) MAZUR, Adam, Wieslaw; 3680 Emery Lake Lane, Mason, OH 45040 (US). TIAN, Xinrong; 4392 North Mallard Cove, Mason, OH 45040 (US). HU, Xiufeng, Eric; 10678 Indianwood Drive, Cincinnati, OH 45242 (US). EBETINO, Frank, Hallock; 11249 Acrewood Drive, Cincinnati, OH 45249 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH

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

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

Declarations / Déclarations :

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

(51)⁷ C07K 1/00

(11) WO 02/085926 (13) A2

(21) PCT/EP02/04311

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 308.4 19 Apr/avr 2001 DE (19.04.2001)

(30) 101 62 365.8 18 Dec/déc 2001 DE (18.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD FOR PRODUCING STABLE, REGENERATABLE ANTIBODY ARRAYS

- PROCEDE DE PRODUCTION DE SERIES D'ANTICORPS STABLES REGENERABLES

(71) GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF) [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE).

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

(72, 75) WEHLAND, Jürgen [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE). FRANK, Ronald [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE).

(74) HANS, Boeters, D. et al. / etc.; Boeters & Bauer, Bereiteranger 15, 81541 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 C07K 7/06

(11) WO 02/085927 (13) A1

(21) PCT/KR02/00536

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 2001/21598 21 Apr/avr 2001 KR (21.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOVEL ANTI-INFLAMMATORY PEPTIDES
• NOUVEAUX PEPTIDES ANTI-INFLAMMATOIRES
- (71, 72) SOHN, Joon-Hong [KR/KR]; The Department of ophthalmology, Asan Medical Center, 388-1, Poongnap-dong, Songpa-gu, Seoul 138-040 (KR). KIM, Soo-Youl [KR/KR]; 182-7, Donggyo-dong, Mapo-gu, Seoul 121-818 (KR).
- (74) WONJON PATENT FIRM; 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 CO CR CU 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).
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- (51)⁷ C07K 7/64, A61K 38/13
- (11) WO 02/085928 (13) A2
- (21) PCT/CH02/00222
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) fr (26) fr
- (30) 720/01 20 Apr/avr 2001 CH (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PRO-DRUG AND USE THEREOF AS A MEDICAMENT
• PRO-DROGUE ET SON UTILISATION EN TANT QUE MEDICAMENT
- (71) DEBIOPHARM S.A. [CH/CH]; Avenue des Terreaux 17, Case postale 211, CH-1000 Lausanne 9 (CH).
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- (72, 75) WENGER, Roland [CH/CH]; Grenzacherweg 45, CH-4125 Riehen (CH). MUTTER, Manfred [DE/CH]; Rte du Signal 12, CH-1092 Belmont-sur-Lausanne (CH). HAMEL, Arnaud [FR/CH]; Rue du Maupas 22, CH-1004 Lausanne (CH). HUBLER, Francis [FR/CH]; Waldhofsstrasse 15, CH-4310 Rheinfelden (CH).
- (74) ROLAND, André; Avenue Tissot 15, CP 1255, CH-1001 Lausanne (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 C07K 9/00, C07H 11/04
- (11) WO 02/085929 (13) A1
- (21) PCT/US02/08266
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/833,647 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESS FOR PREPARING LIPID II
• PROCEDE DE PREPARATION DE LIPIDE II
- (71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (71, 72) ALBORN, William, Ernest, Junior [US/US]; 1320 Thistlewood Court, Carmel, IN 46032 (US). BLASZCZAK, Larry, Chris [US/US]; 1327 Broadway, Indianapolis, IN 46202 (US). MAULDIN, Scott, Carl [US/US]; 5540 Snowberry Court, Indianapolis, IN 46221 (US). SKATRUD, Paul, Luther [US/US]; 5233 Tony Drive, Greenwood, IN 46143 (US). VANNIEUWENHZE, Michael, Scott [US/US]; 8259 Gleggarry Court, Indianapolis, IN 46236 (US). ZIA-EBRAHIMI, Mohammad, Sadegh [US/US]; 7724 Cove Court, Indianapolis, IN 46254 (US).
- (74) CLEVELAND, John, A., Junior et al. / etc.; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 C07K 14/00
- (11) WO 02/085930 (13) A2
- (21) PCT/EP02/02228
- (22) 1 Mar/mar 2002 (01.03.2002)
- (25) de (26) de
- (30) 101 09 844.8 1 Mar/mar 2001 DE (01.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMMUNOMODULATING AGENTS FROM PARASITIC WORMS AND METHOD FOR ISOLATION THEREOF
• IMMUNOMODULANTS PROVENANT DE VERS PARASITES ET PROCEDE POUR LEUR SEPARATION
- (71) FORSCHUNGSZENTRUM BORS-TEL ZENTRUM FÜR MEDIZIN UND BIEWISSENSCHAFTEN [DE/DE]; Parkallee 1-40, 23845 Borstel (DE).
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- (72, 75) SCHRAMM, Gabrielle [DE/DE]; Ahornweg 10, 23867 Sülfeld (DE). HAAS, Helmut [DE/DE]; Ahornweg 10, 23867 Sülfeld (DE). FALCONE, Franco [DE/DE]; Altumstrasse 5, 48146 Münster (DE). GRONOW, Achim [DE/DE]; Nienwohlder Strasse 2, 23867 Sülfeld (DE). HAISCH, Karin [DE/DE]; University at Buffalo, 138 Fasbestall, Buffalo, NY 14214 (DE).
- (74) WEBER-QUITZAU, Martin; Uexküll & Stolberg, Beselerstrasse 4, 22607 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, C12P 21/06, C07H 21/04
- (11) WO 02/085931 (13) A1
- (21) PCT/US02/13041
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,481 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTERLEUKIN-1 HOMOLOG ZIL1A7
• HOMOLOGUE ZIL1A7 DE L'INTERLEUKINE-1
- (71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) SHEPPARD, Paul, O.; 13532 278th Drive NE, Granite Falls, WA 98252 (US).

(74) **PARKER, Gary, E.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 14/18

(11) WO 02/085932 (13) A2

(21) PCT/BE02/00062

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 01870088.0 24 Apr/avr 2001 EP (24.04.2001)

(30) 60/305,604 17 Jul/juil 2001 US (17.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONSTRUCTS AND METHODS FOR EXPRESSION OF RECOMBINANT HCV ENVELOPE PROTEINS

• CONSTRUCTIONS ET METHODES RELATIVES A L'EXPRESSION DE PROTEINES D'ENVELOPPE RECOMBINANTES DU VHC

(71) **INNOGENETICS N.V.** [BE/BE]; Technologiepark 6, B-9052 Ghent (BE).

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(72, 75) **SABLON, Erwin** [BE/BE]; Robbroeklaan 1a, B-1785 Merchtem (BE). **VAN BROEKHOVEN, Annie** [BE/BE]; Mevr. Courtmansstraat 9, B-2600 Berchem (BE). **BOSMAN, Alfons** [BE/BE]; Hulst 165, B-1745 Opwijk (BE). **DEPLA, Erik** [BE/BE]; Burgstraat 58, B-9070 Destelbergen (BE). **DESCHAMPS, Geert** [BE/BE]; Ganzeplas 31, B-9880 Aalter (BE).

(74) **INNOGENETICS N.V.**; Industriepark Zwiinjaarde 7, Box 4, B-9052 Ghent (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 C07K 14/255, C12N 15/31, A61K 39/00

(11) WO 02/085933 (13) A1

(21) PCT/US01/22978

(22) 20 Jul/juil 2001 (20.07.2001)

(25) en (26) en

(30) 60/285,477 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOLL-LIKE RECEPTOR 5 LIGANDS AND METHODS OF USE

• LIGANDS DE RECEPTEUR DE TYPE 5 ET PROCEDES D'UTILISATION

(63) US 60/285,477 (CON) 20 Apr/avr 2001 (20.04.2001)

(71) **THE INSTITUTE FOR SYSTEMS BIOLOGY** [US/US]; 4225 Roosevelt Way, N.E., Suite 200, Seattle, WA 98105-6099 (US).

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

(72, 75) **ADEREM, Alan** [ZA/US]; 715 37th Avenue, Seattle, WA 98122 (US). **HAYASHI, Fumitaka** [US/US]; 95 West Squantum Street #405, North Quincy, MA 02171 (US). **UNDERHILL, David, M.** [US/US]; 4218 N.E. 89th Street, Seattle, WA 98115 (US). **OZINSKY, Adrian** [ZA/US]; 4332 Bagley Avenue North, Seattle, WA 98103 (US). **SMITH, Kelly, D.** [US/US]; 14038 23rd Avenue N.E., Seattle, WA 98125 (US).

(74) **GAY, David, A. et al.** / etc.; Campbell & Flores LLP, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 14/38, A61K 39/00

(11) WO 02/085934 (13) A2

(21) PCT/FR02/01359

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05325 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIBACTERIAL PEPTIDES, COMPOSITIONS CONTAINING SAME AND USES THEREOF

• PEPTIDES ANTIBACTERIENS, LES COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS

(71) **ENTOMED** [FR/FR]; Ecole Supérieure de Biotechnologie de Strasbourg, Boulevard Sébastien Brant, Pôle API, F-64700 Illkirch (FR).

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(74) **BREESÉ, Pierre et al.** / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 14/395, 19/00, C12N 15/62, 1/15, 1/19, 5/10, C12Q 1/02

(11) WO 02/085935 (13) A1

(21) PCT/JP02/02801

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-121233 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CELL SURFACE LAYER-BINDING PROTEIN AND UTILIZATION THEREOF

• PROTEINE DE LIAISON DE COUCHE DE SURFACE CELLULAIRE ET UTILISATION ASSOCIEE

(71) **KANSAI CHEMICAL ENGINEERING CO., LTD.** [JP/JP]; 9-7, Minaminamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 (JP).

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(72, 75) **FUKUDA, Hideki** [JP/JP]; 8-13, Syofudai 1-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0871 (JP). **KONDO, Akihiko** [JP/JP]; 1-2-806, Shinoharaobanoyamacho, 1-chome, Nada-ku, Kobe-shi, Hyogo 657-0015 (JP). **MATSUMOTO, Takeshi** [JP/JP]; Room 308, Koyo Haitsu, 8-21, Shinoharadai, Nada-ku, Kobe-shi, Hyogo 657-0016 (JP). **NODA, Hideo** [JP/JP]; 9-7, Minaminamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 (JP).

(74) **NANJO, Hiromichi**; 5th Floor, Okina Bldg., 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 14/425, C12N 15/00, 15/62, 15/10,
G01N 33/00, C12Q 1/68

(11) WO 02/085936 (13) A1

(21) PCT/GB01/04363

(22) 28 Sep/sep 2001 (28.09.2001)

(25) en (26) en

(30) 0109858.1 23 Apr/avr 2001 GB
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MUTANTS OF GREEN FLUORESCENT
PROTEIN

• MUTANTS DE LA PROTEINE FLUO-
RESCENTE VERTE

(71) AMERSHAM BIOSCIENCES UK LTD
[GB/GB]; Amersham Place, Little Chalfont,
Buckinghamshire HP7 9NA (GB).
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les États désignés sauf US)

(72, 75) STUBBS, Simon, Lawrence, John
[GB/GB]; Amersham Pharmacia Biotech
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[IE/GB]; Amersham Pharmacia Biotech
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HP7 9LL (GB). MICHAEL, Nigel, Paul
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Amersham, Buckinghamshire HP7 9LL
(GB).

(74) ROLLINS, Anthony, John et al. / etc.;
Amersham plc, Amersham Laboratories,
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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU 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 14/47, G01N 33/68

(11) WO 02/085937 (13) A2

(21) PCT/EP02/04219

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 101 19 804.3 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INFLAMMATION-SPECIFIC PEP-
TIDES AND THE USES THEREOF

• PEPTIDES SPECIFIQUES D'INFLAM-
MATIONS ET LEURS UTILISATIONS

(71) B.R.A.H.M.S AKTIENGESSELLSCHAFT
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Strasse 28, 12161 Berlin (DE). ÜHLEIN,
Monika [DE/DE]; Hufelandstrasse 15, 10407
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(74) ANDRAE, Steffen; Andrae Flach Haug,
Balanstrasse 55, 81541 München (DE) et al.
/ etc.

(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 C07K 14/47

(11) WO 02/085938 (13) A1

(21) PCT/KR02/00729

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ko (26) en

(30) 2001/21450 20 Apr/avr 2001 KR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTI-OBESITY POLYPEPTIDES

• POLYPEPTIDES ANTI-OBESITE

(71, 72) HUR, Man-Wook [KR/KR]; #605-204
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(72, 75) LEE, Dong-Kee [KR/KR]; #101,
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Seoul 157-920 (KR).

(74) LEE, Hoo Dong; 10th Floor, Hankook Tire
Bldg., 647-15 Yoksam-dong, Gangnam-gu,
Seoul 135-723 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR 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 C07K 14/47, 7/08, 16/18, C12N 1/00, 5/00,
15/12, C12P 21/02, C12Q 1/37, 1/68, G01N
33/53, 33/566, 33/68

(11) WO 02/085939 (13) A1

(21) PCT/US02/13009

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/841,739 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOVEL MOLECULES OF THE
CARD-RELATED PROTEIN FAMILY
AND USES THEREOF

• NOUVELLES MOLECULES DE LA FA-
MILLE DES PROTEINES RELATIVES

AU DOMAINE CARD ET LEURS UTI-
LISATIONS

(63) US 09/841,739 (CON)

24 Apr/avr 2001 (24.04.2001)

US 60/161,822 (CIP)

27 Oct/oct 1999 (27.10.1999)

US 09/697,089 (CIP)

26 Oct/oct 2000 (26.10.2000)

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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les États désignés sauf US)

(72, 75) BERTIN, John [US/US]; 475 Arsenal
Street, Apt. 1, Watertown, MA 02172 (US).

(74) MEIKLEJOHN, Anita, L. et al. / etc.;
Fish & Richardson P.C., 225 Franklin Street,
Boston, MA 02110-2804 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE 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 TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU 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 14/505, C12Q 1/68, C12N 15/10,
15/85, 5/10, C07K 16/18

(11) WO 02/085940 (13) A2

(21) PCT/EP02/04331

(22) 29 Mar/mar 2002 (29.03.2002)

(25) en (26) en

(30) 01/04603 4 Apr/avr 2001 FR
(04.04.2001)

(30) 60/343,163 21 Dec/déc 2001 US
(21.12.2001)

(30) 60/345,440 4 Jan/jan 2002 US
(04.01.2002)

- (30) 60/358,598 **21 Feb/fév 2002** US
(21.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NEW POLYNUCLEOTIDES AND POLYPEPTIDES OF THE ERYTHROPOIETIN GENE
• POLYNUCLEOTIDES ET POLYPEPTIDES DU GENE DE L'ERYTHROPOIETINE (EPO)
- (71) GENODYSSEE [FR/FR]; Parc d'Affaires Technopolis, 3, avenue du Canada, Bat. Alpha, B.P.810 Les Ulis, F-91974 Courtaboeuf (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ESCARY, Jean-Louis [FR/FR]; 4, rue Moxouris, F-78150 Le Chesnay (FR).
- (74) RINUY, SANTARELLI; 14, avenue de la Grande Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/705
- (11) WO 02/085942 (13) A2
- (21) PCT/CA02/00560
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/285,713 **24 Apr/avr 2001** US
(24.04.2001)
- (30) 60/356,163 **14 Feb/fév 2002** US
(14.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A 150 KDA ACCESSORY RECEPTOR FOR TGF-β.
• RECEPTEUR ACCESSOIRE DE 150 KDA POUR LE TGF-SG(B).
- (71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montréal, Quebec H3A 2T5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PHILIP, Anie [CA/CA]; 4100 Kensington, Montréal, Quebec H4B 2V8 (CA). TAM, Betty [CA/CA]; 1475 Everest, Ville St. Laurent, Quebec H4R 2R7 (CA).
- (74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, 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 TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 14/56, A61K 38/21, C12N 15/21, C07K 7/04, A61K 38/04
- (11) WO 02/085941 (13) A2
- (21) PCT/EP02/02218
- (22) 1 Mar/mar 2002 (01.03.2002)
- (25) en (26) en
- (30) 01105088.7 **2 Mar/mar 2001** EP
(02.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MODIFIED INTERFERON ALPHA WITH REDUCED IMMUNOGENICITY
• INTERFERON ALPHA MODIFIE A ANTIGENICITE REDUITE
- (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) CARR, Francis, J. [GB/GB]; Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8XU (GB). CARTER, Graham [GB/GB]; Longhills Cottage, By Newmachar, Aberdeenshire AB21 7XB (GB). JONES, Tim [GB/GB]; 27 Brick Row, Babraham, Cambridge CB2 4AJ (GB). BAKER, Matthew [GB/GB]; 8 Saffron Close, Littleport, Ely, Cambridge GB6 1AR (GB). WATKINS, John [GB/GB]; 62 Cambridge Road, Girton, Cambridge CB3 0PJ (GB). HANLON, Marian [GB/GB]; 61 Vinery Road, Cambridge CB1 3DN (GB).
- (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
- ACIDES NUCLEIQUES DU GENE ABCC12 HUMAIN, VECTEURS CONTENANT CES ACIDES NUCLEIQUES ET UTILISATIONS ASSOCIEES
- (71) AVENTIS PHARMA S.A. [FR/FR]; 20, avenue Raymond Aron, F-92160 Antony (FR). THE GOVERNMENT OF THE UNITED STATES OF AMERICA [US/US]; U.S. Department of Health and Human Services, 200 Independence Avenue, Washington, DC 20201 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSIER-MONTUS, Marie-Francoise [FR/FR]; 21, rue des Baconnets, F-92160 Antony (FR). PRADES, Catherine [FR/FR]; 30, avenue du Général De Gaulle, F-94320 Thiais (FR). ARNOULD-REGUIGNE, Isabelle [FR/FR]; 112, rue de Bry, F-94430 Chennevieres Sur Marne (FR). DENEFFLE, Patrice [FR/FR]; 45, avenue des Fusillés de Chateaubriand, F-94100 Saint Maur (FR). DEAN, Michael [US/US]; 1362 Hitchinpost Lane, Frederick, MD (US). ALLIKMETS, Rando [US/US]; 8-J Lamplight Village Road, Nonroe, NY 10950 (US).
- (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 TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 C07K 16/00, C12N 15/79, 5/10, A01K 67/027, A61K 39/395 // C07K 16/46
- (11) WO 02/085944 (13) A2
- (21) PCT/IB02/02303
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 0110029.6 **24 Apr/avr 2001** GB
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMMUNOGLOBULIN 2
• IMMUNOGLOBULINE 2
- (71) ERASMUS UNIVERSITEIT ROTTERDAM [NL/NL]; Faculty of Medicine, Dept. of Cell Biology and Genetics, P.O. Box 1738, NL-3000 DR Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GROSVELD, Frank [NL/NL]; Erasmus Universiteit Rotterdam, Faculty of Medicine, Dept. of Cell Biology and Genetics, P.O. Box 1738, NL-3000 DR Rotterdam (NL).
- (74) MASCHIO, Antonio et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- NUCLEIC ACIDS OF THE HUMAN ABCC12 GENE, VECTORS CONTAINING SUCH NUCLEIC ACIDS AND USES THEREOF

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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 C07K 16/00, A01K 67/027, A61K 39/395
- (11) WO 02/085945 (13) A2
- (21) PCT/IB02/02424
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 0110029.6 24 Apr/avr 2001 GB
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMMUNOGLOBULIN I
• IMMUNOGLOBULINE I
- (71) ERASMUS UNIVERSITEIT ROTTER-
DAM [NL/NL]; Faculty of Medicine, Dept.
of Cell Biology and Genetics, P.O. Box 1738,
NL-3000 DR Rotterdam (NL).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GROSVELD, Frank [NL/NL]; Erasmus
Universiteit Rotterdam, Faculty of Medicine,
Dept. of Cell Biology and Genetics, P.O. Box
1738, NL-3000 DR Rotterdam (NL).
- (74) MASCHIO, Antonio et al. / etc.; D Young &
Co, 21 New Fetter Lane, London EC4A 1DA
(GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07K 16/00, A61K 39/42, 39/395
- (11) WO 02/085946 (13) A1
- (21) PCT/US02/12580
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,632 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BISPECIFIC ANTIBODIES THAT BIND
TRAIL-R1 AND TRAIL-R2
• ANTICORPS BISPECIFIQUES
SE FIXANT AUX RECEPTEURS
TRAIL-R1 ET TRAIL-R2
- (71) IMMUNEX CORPORATION [US/US]; 51
University Street, Seattle, WA 98101 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) LYNCH, David, H. [US/US]; 14180 N.
Madison Avenue NE, Bainbridge Island, WA
98110 (US).
- (74) MOHR, Randolph, N.; IMMUNEX Cor-
poration, 51 University Street, 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 C07K 16/20, 14/445, C12N 15/09, A61K
39/015
- (11) WO 02/085947 (13) A1
- (21) PCT/EP02/04150
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) en (26) en
- (30) 0109644.5 19 Apr/avr 2001 GB
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SOLUBLE PROTEIN FROM MALARIA
PARASITE
• PROTEINE SOLUBLE TIREE D'UN PA-
RASITE DE LA MALARIA
- (71) INTERNATIONAL CENTRE FOR GE-
NETIC ENGINEERING AND BIOTECH-
NOLOGY [IT/IT]; Area Science Park, Padri-
ciano 99, I-34012 Trieste (IT).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) CHAUHAN, Virander, Singh [IN/IN];
International Centre for Genetic Engineer-
ing and B, iotechnology, P.O. Box 10504,
Aruna Asaf Ali Marg, New Delhi 110 067
(IN). MALHOTRA, Pawan [IN/IN]; In-
ternational Centre for Genetic Engineering
and B, iotechnology, P.O. Box 10504, Aruna
Asaf Ali Marg, New Delhi 110 067 (IN).
- LALITHA, Punchayil, Velayudhan, Nair
[IN/IN]; International Centre for Genetic
Engineering and B, iotechnology, P.O. Box
10504, Aruna Asaf ali Marg, New Delhi 110
067 (IN).
- (74) WOODS, Geoffrey, Corlett et al. / etc.; J.A.
Kemp & Co., 14 South Square, Gray's Inn,
London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 19/00
- (11) WO 02/085948 (13) A1
- (21) PCT/KR02/00730
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ko (26) en
- (30) 2001/21449 20 Apr/avr 2001 KR
(20.04.2001)
- (30) 2002/21307 18 Apr/avr 2002 KR
(18.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REPRESSORS FOR HIV TRANSCRIP-
TION AND METHODS THEREOF
• REPRESSEURS DE TRANSCRIPTION
DU VIH ET PROCEDES CORRESPON-
DANTS
- (71, 72) HUR, Man-Wook [KR/KR]; #605-204
Eunbit Macul, Hwajung-dong, Duckyang-gu,
Goyang-si, Gyeonggi-do 412-270 (KR).
- (72, 75) CHONG, Deug, Lim [KR/KR]; 2nd
Floor, 266-35 Eungarm-4-dong, Eun-
pyung-gu, Seoul 122-917 (KR).
- (74) LEE, Hoo, Dong; 10th Floor, Hankook Tire
Bldg., 647-15 Yoksam-dong, Gangnam-gu,
Seoul 135-723 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C08B 13/00, 3/22, 11/20 // A61K 47/38
- (11) WO 02/085949 (13) A1
- (21) PCT/KR02/00580

- (22) 2 Apr/avr 2002 (02.04.2002)
- (25) en (26) en
- (30) 2001/21076 19 Apr/avr 2001 KR
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PURIFICATION METHOD OF HYDROXYPROPYLMETHYL CELLULOSE PHTHALATE
• PROCEDE DE PURIFICATION DE PHTHALATE D'HYDROXYPROPYLMETHYLE CELLULOSE
- (71) SAMSUNG FINE CHEMICALS CO., LTD. [KR/KR]; 190, Yecheon-dong, Nam-ku, Ulsan 680-090 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHO, Kyu-II [KR/KR]; 106-906 Hyangchon Apt., Doosan-dong, Seo-ku, Daejeon 302-776 (KR). BAEK, Hyon-Ho [KR/KR]; 105-607 Sejong Apt., Junmin-dong, Yusung-ku, Daejeon 305-728 (KR).
- (74) HUH, Sang, Hoon; 16th Floor, Woori Investment Bank Bldg., 826-20 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C08B 37/00
- (11) WO 02/085950 (13) A1
- (21) PCT/SK01/00014
- (22) 27 Apr/avr 2001 (27.04.2001)
- (25) en (26) en
- (30) PV 548-2001 23 Apr/avr 2001 SK
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD OF ISOLATION OF IMMUNOSTIMULATING GLUCAN FROM OYSTER MUSHROOM
• PROCEDE D'ISOLATION DE GLUCANE IMMUNOSTIMULANT PROVENANT DE PLEUROTES
- (71, 72) GABRIZOVÁ, Leona [SK/SK]; Nové záhrady VI/10, 821 05 Bratislava (SK).
- (74) HOLOUBKOVÁ, Mária; Holoubrková, Patentová a známková kancelária, Radlinského 9, 812 37 Bratislava (SK).
- (81) 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 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 C08B 37/00
- (11) WO 02/085951 (13) A2
- (21) PCT/US01/49827
- (22) 19 Oct/oct 2001 (19.10.2001)
- (25) en (26) en
- (30) 09/838,528 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WATER SOLUBLE, RANDOMLY SUBSTITUTED PARTIAL N-, PARTIAL O-ACETYLATED CHITOSAN, PRESERVING COMPOSITIONS CONTAINING CHITOSAN, AND PROCESSES FOR MAKING THEREOF
• CHITOSANE PARTIELLEMENT O-ACETYLE, PARTIELLEMENT N-ACETYLE SUBSTITUEE DE MANIERE ALEATOIRE SOLUBLE DANS L'EAU, DES PREPARATIONS DE CONSERVATION CONTENANT DES CHITOSANES ET DES PROCEDES DE FABRICATION DE CEUX-CI
- (71) TECHNOLOGY RESOURCE INTERNATIONAL CORPORATION [US/US]; 1525 Bluegrass Lake Parkway, Alpharetta, GA 30004 (US).
- (72) HUNG, William, M.; 4062 Dover Avenue, Alpharetta, GA 30004 (US). BERGBAUER, Katrina, L.; 225 Second Avenue, Decatur, GA 30030 (US). SU, Kai, C.; 10390 Hopewell Road, Alpharetta, GA 30201 (US). WANG, Guigui; 2420 Keenland Court, Cumming, GA 30040 (US).
- (74) KATZ, Mitchell, A. et al. / etc.; Needle & Rosenberg, P.C., Suite 1200, The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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) C08C 19/00, 19/44
- (11) WO 02/085952 (13) A2
- (21) PCT/EP02/04038
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) de (26) de
- (30) 101 19 745.4 23 Apr/avr 2001 DE
(23.04.2001)
- (30) 101 51 391.7 18 Oct/oct 2001 DE
(18.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MODIFIED POLYMERS WITH A HIGH PROPORTION OF CIS-POSITION DOUBLE BONDS, METHOD FOR THE PRODUCTION AND USE THEREOF

- POLYMERES MODIFIES A FORTE PROPORTION DE LIAISONS DOUBLES EN POSITION CIS, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRÜN, Michael [DE/DE]; Kaldauer Str. 44, 53721 Siegburg (DE). KNAUF, Thomas [DE/DE]; Balgheimer Str. 89, 41542 Dormagen (DE). BRAUBACH, Wilfried [DE/DE]; Steinberg 7, 42659 Solingen (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 C08F
- (11) WO 02/085953 (13) A2
- (21) PCT/US02/08617
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/840,288 23 Apr/avr 2001 US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HIGH DENSITY METAL OXIDE FILLERS IN RUBBER COMPOUNDS
• MATIERE DE CHARGE A BASE D'OXYDES METALLIQUES HAUTE DENSITE DANS DES COMPOSES CAOUTCHOUTEUX
- (71) BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC [US/US]; 1 Bridgestone Park, Nashville, TN 37214 (US).
- (72) BARANEK, Todd; 2401 River Oaks Drive, Columbus, OH 43228 (US).
- (74) HORNICKEL, John et al. / etc.; Bridgestone/Firestone Americas Holding, Inc., 1200 Firestone Parkway, Akron, OH 44317 (US).
- (81) BR CA CN JP KR MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ C08F
 (11) WO 02/085954 (13) A2
 (21) PCT/US02/08739
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) en (26) en
 (30) 60/286,060 23 Apr/avr 2001 US (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • BLENDS OF EPDM AND METAL-LOCENE PLASTOMERS FOR WIRE AND CABLE APPLICATIONS
 • MELANGES DE PLASTOMERES EPDM ET METALOCENE POUR APPLICATIONS DE TYPE CABLES ET CONDUCTEURS
 (63) US 60/286,060 (CON) 21 Apr/avr 2001 (21.04.2001)
 (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) PEHLERT, George, J. [US/US]; 2929 Greenbriar St., Apt. #7302, Houston, TX 77098 (US).
 (74) SCHMIDT, C., Paige et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Bayton, TX 77522 (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 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 C08F 2/22
 (11) WO 02/085955 (13) A1
 (21) PCT/EP02/04247
 (22) 17 Apr/avr 2002 (17.04.2002)
 (25) de (26) de
 (30) 101 19 330.3 19 Apr/avr 2001 DE (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD FOR PRODUCING AN AQUEOUS POLYMER DISPERSION BY RADICAL AQUEOUS EMULSION POLYMERIZATION WITH A CONTINUALLY PRODUCED AQUEOUS MONOMER EMULSION
 • PROCEDE POUR PREPARER UNE DISPERSION POLYMERIE AQUEUSE PAR POLYMERISATION RADICALE EN EMULSION AQUEUSE AU MOYEN D'UNE EMULSION MONOMERE AQUEUSE PRODUITE EN CONTINU
 (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KELLER, Andreas [DE/DE]; Berliner Strasse 3, 67459 Böhl-Iggelheim (DE). SCHACKERT, Werner [DE/DE]; Richard-Strauss-Str. 24, 67105 Schifferstadt (DE). WILBURG, Gerald [DE/DE]; Im Vogelsang 20b, 67346 Speyer (DE). WOLF, Heiko [DE/DE]; Europaring 33, 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).
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- (51)⁷ C08F 2/32
 (11) WO 02/085956 (13) A2
 (21) PCT/JP02/03769
 (22) 16 Apr/avr 2002 (16.04.2002)
 (25) en (26) en
 (30) 2001-118369 17 Apr/avr 2001 JP (17.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD FOR PRODUCTION OF POROUS MATERIAL
 • PROCEDE DE PRODUCTION D'UN MATERIAU POREUX
 (71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FUJIMARU, Hiroshima [JP/JP]; 1-86-1, Nagamachi, Hirohata-ku, Himeji-shi, Hyogo 671-1125 (JP). INOUE, Hiroki [JP/JP]; 50, Uchidacho, Arashiyama, Nishikyo-ku, Kyoto-shi, Kyoto 616-0027 (JP). KADONAGA, Kenji [JP/JP]; 5-1-203, Nishimachi, Takatsuki-shi, Osaka 569-0854 (JP). NAGASUNA, Kinya [JP/JP]; 11-13, Izumidai 2-chome, Kawaicho, Kitakatsuragi-gun, Nara 636-0091 (JP).
 (74) HATTA, Mikio et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
 (81) JP PL US.
 (84) EP (DE).
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- (51)⁷ C08F 2/38, 293/00, 297/00
 (11) WO 02/085957 (13) A1
 (21) PCT/US02/12566
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 60/286,142 24 Apr/avr 2001 US (24.04.2001)
 (30) 10/116,239 4 Apr/avr 2002 US (04.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SYNTHESIS OF VINYL POLYMERS BY CONTROLLED RADICAL POLYMERIZATION
 • SYNTHÈSE DE POLYMERES VINYL- LIQUES PAR POLYMERISATION RADICALE CONTROLEE
 (71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
 (72) WHITE, Daniela; 494 Woodland Road, Pittsburgh, PA 15237 (US). O'DWYER, James B.; 117 Spring Valley Road, Valencia, PA 16059 (US).
 (74) UHL, William J. et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 10/02
 (11) WO 02/085958 (13) A2
 (21) PCT/IB02/02832
 (22) 7 Jan/jan 2002 (07.01.2002)
 (25) en (26) en
 (30) 01 102 891.7 15 Feb/fév 2001 EP (15.02.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SUPPORTED CATALYST COMPOSITION FOR POLYMERIZATION OF OLEFINS, METHOD FOR PREPARING THE SAME AND PROCESS FOR POLYMERIZATION USING THE SAME
 • COMPOSITION CATALYTIQUE SOUTENUE POUR POLYMERISATION D'OLEFINES, PROCEDE PERMETTANT DE LA PREPARER ET PROCESSUS DE POLYMERISATION UTILISANT LADITE COMPOSITION
 (71) SAUDI BASIC INDUSTRIES CORPORATION [SA/SA]; P.O. Box 5101, 11422 Riyadh (SA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) TAFTAF, Mansour, I. [US/SA]; P.O. box 5101, 11422 Riyadh (SA). AHMED, Serajudin, F. [IN/SA]; P.O. Box 5101, 11422 Riyadh (SA).
 (81) CN JP US.
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- (51)⁷ C08F 20/06, A61F 13/53, A61L 15/60
 (11) WO 02/085959 (13) A1
 (21) PCT/JP02/03706
 (22) 12 Apr/avr 2002 (12.04.2002)
 (25) ja (26) ja
 (30) 2001-116539 16 Apr/avr 2001 JP (16.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • WATER-ABSORBING RESIN SUITABLE FOR ABSORBING VISCOUS

LIQUID CONTAINING HIGH-MOLECULAR COMPOUND, AND ABSORBENT AND ABSORBENT ARTICLE EACH COMPRISING THE SAME

- RESINE D'ABSORPTION D'EAU APPROPRIÉE A L'ABSORPTION DE LIQUIDE VISQUEUX CONTENANT UN COMPOSE A POIDS MOLECULAIRE ELEVE, ET ABSORBANT ET ARTICLE ABSORBANT LES CONTENANT

(71) **SUMITOMO SEIKA CHEMICALS CO., LTD.** [JP/JP]; 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 (JP).

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

(72, 75) **NAWATA, Yasuhiro** [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP). **YAMAMORI, Masakazu** [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP). **UEDA, Koji** [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP). **YOKOYAMA, Hideki** [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP). **FUJIKAKE, Masato** [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP).

(74) **YOSHIDA, Minoru et al.** / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 210/14

(11) **WO 02/085960** (13) A2

(21) PCT/US01/44217

(22) **26 Nov/nov 2001 (26.11.2001)**

(25) en (26) en

(30) 60/253,279 **27 Nov/nov 2000 (27.11.2000)** US

(30) 09/962,784 **25 Sep/sep 2001 (25.09.2001)** US

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ALPHA OLEFIN MONOMER PARTITIONING AGENTS FOR DRAG REDUCING AGENTS AND METHODS OF FORMING DRAG REDUCING AGENTS USING ALPHA OLEFIN MONOMER PARTITIONING AGENTS

- EXTRACTEURS A MONOMERES D'ALPHA-OLEFINES POUR ATTENUATEURS DE RESISTANCE DE

FROTTEMENT, ET PROCEDE D'OBTECTION DE TELS ATTENUATEURS AU MOYEN D'EXTRACTEURS DE MONOMERES D'ALPHA-OLEFINES

(71) **ENERGY & ENVIRONMENTAL INTERNATIONAL, L.C.** [US/US]; 30025 FM 529, Brookshire, TX 77423 (US).

(72) **EATON, Gerald, B.**; 16222 DeLozier, Houston, TX 77040 (US). **MONAHAN, Michael, J.**; 23035 Lanham Drive, Katy, TX 77450 (US). **EBERT, Alan, K.**; 7723 Granite Ridge Lane, Houston, TX 77095 (US).

(74) **MATHENY, Anthony, F.**; Andrews & Kurth L.L.P., 600 Travis, Suite 4200, Houston, TX 77002 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 220/14, C08L 33/12, C08F 220/24

(11) **WO 02/085961** (13) A1

(21) PCT/FR02/01297

(22) **15 Apr/avr 2002 (15.04.2002)**

(25) fr (26) fr

(30) 01/05441 **23 Apr/avr 2001 (23.04.2001)** FR

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTILIMING METHACRYLIC POLYMER MATERIAL AND CORRESPONDING ARTICLES FORMED THEREFROM

- MATERIAU POLYMERE METHACRYLIQUE ANTICALCAIRE ET ARTICLES FACONNES CORRESPONDANTS

(71) **ATOFINA** [FR/FR]; 4-8, cours Michelet, La Défense 10, F-92800 Puteaux (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EDERLE, Yannick** [FR/FR]; 13 Bis, Avenue du Chateau d'Este, F-64140 Billere (FR). **PIRRI, Rosangela** [FR/FR]; 7, chemin Romas et Passades, F-64121 Montardon (FR).

(74) **GRANET, Pierre**; Atofina, 4-8, Cours Michelet, La Défense 10, F-92091 Paris La Défense Cedex (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 C08F 220/36, 220/32, G03F 7/038, C09D 4/00

(11) **WO 02/085962** (13) A1

(21) PCT/EP02/04456

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) PI 2001 1906 **24 Apr/avr 2001 (24.04.2001)** MY

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED RADIATION CURABLE COMPOSITION

- COMPOSITION DURCISSABLE PAR RAYONNEMENT AMELIOREE

(71) **UCB, S.A.** [BE/BE]; Allée de la Recherche 60, B-1070 Bruxelles (BE).

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

(72, 75) **ALIAS, Mohd, Nor, Azmi** [MY/MY]; 171 Lorong 3/3, Taman Alamanda, Negeri Sembilan, 70450 Senawang (MY). **VER-SCHUEREN, Kris** [BE/BE]; E. De Blutsaan 38, B-1702 Groot-Bijgaarden (BE).

(74) **BARUH, Colette**; UCB, S.A., Intellectual Property Department, Allée de la Recherche 60, B-1070 Bruxelles (BE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 255/00

(11) **WO 02/085963** (13) A2

(21) PCT/US02/03775

(22) **7 Feb/fév 2002 (07.02.2002)**

(25) en (26) en

(30) 60/267,829 **9 Feb/fév 2001 (09.02.2001)** US

- (30) 09/943,559 **30 Aug/août 2001** US
(30.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • UV-CURABLE, NON-CHLORINATED ADHESION PROMOTERS
• PROMOTEURS D'ADHESION NON CHLORES, POLYMERISABLES AUX UV
- (71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) WILLIAMS, Kevin, Alan; 908 S Sherbrooke Circle, Mount Carmel, TN 37645 (US). BELLAS, Michael; 25 Hartington Drive, Standish, Lancs WN6 OUA (GB). FREEMAN, Charlie, Carroll, Jr.; 122 Freeman Road, Rogersville, TN 37857-4147 (US). TEMPLETON, Lisa, Kay; 2004 Tallwood Drive, Kingsport, TN 37660 (US).
- (74) CARRIER, Michael, K.; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) BR CN JP MX.
- (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 C08F 283/06, C08G 18/48
- (11) WO 02/085964 (13) A2
- (21) PCT/EP02/04510
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) MI2001A000861 **24 Apr/avr 2001** IT
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR THE PREPARATION OF A POLYOL BASED COMPOSITION CONTAINING A STABLE POLYMERIC FILLER
• PROCEDE DE PREPARATION D'UNE COMPOSITION A BASE DE POLYOL CONTENANT UNE CHARGE STABLE DE POLYMERE
- (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) PO³, Riccardo [IT/IT]; Via degli Ebrei Vittime del Nazismo 17, I-57100 Livorno (IT). FIOCCA, Luisa [IT/IT]; Via Monte S. Michele 13/B, I-28100 Novara (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).
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- (51)⁷ C08G 18/10, A61K 7/48, C08K 3/22
- (11) WO 02/085965 (13) A1
- (21) PCT/EP02/02371
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) de (26) de
- (30) 101 11 689.6 **9 Mar/mar 2001** DE
(09.03.2001)
- (30) 102 08 678.8 **28 Feb/fév 2002** DE
(28.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COSMETIC SPONGES
• EPONGES COSMETIQUES
- (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) SCHOLZ, Wolfhard [DE/DE]; Edmundstrasse 26, 47829 Krefeld (DE). SCHELGES, Heike [DE/DE]; Bacher Strasse 170, 47807 Krefeld (DE). WADLE, Armin [DE/DE]; Willbecker Strasse 105, 40699 Erkrath (DE). BANOWSKI, Bernhard [DE/DE]; Benrodestrasse 6, 40597 Düsseldorf (DE).
- (81) AU BR CA CN CZ HU JP MX NO PL SK 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 18/68, 18/36, C09D 175/14, 167/06
- (11) WO 02/085966 (13) A1
- (21) PCT/FR02/01412
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) fr (26) fr
- (30) 01/05501 **24 Apr/avr 2001** FR
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PREPARING POLYMERS FROM OIL DERIVATIVES AND USES THEREOF AS BINDER OR ADDITIVE IN PAINTS OR VARNISHES
• PROCEDE DE PREPARATION DE POLYMERES A PARTIR DE DERIVES D'HUILES ET LEURS UTILISATIONS COMME LIANT OU ADDITIF DANS LES PEINTURES OU VERNIS
- (71) NOVANCE [FR/FR]; Venette, B.P. 609, F-60206 Compiègne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEMOR, Alain [FR/FR]; 24, square de Abbessé, F-60200 Compiègne (FR). CATHERINE, Philippe [FR/FR]; 24, rue Jean Cassé, F-60160 Thiverny (FR). AULON, Patrice [FR/FR]; 26, rue de l'Archerie, F-60600 Jonquieres (FR).
- (74) DUBRUC, Philippe; 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)
- 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 69/04, 69/16, 69/28

(11) WO 02/085968 (13) A1

(21) PCT/EP02/03278

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 690.6 23 Mar/mar 2001 DE
(23.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PRODUCING
POLYAMIDES
• PROCEDE DE PRODUCTION DE PO-
LYAMIDES

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WINTERLING, Helmut [DE/DE];
Wittelsbachstr. 7, 67061 Ludwigshafen (DE).
BLINNE, Gerd [DE/DE]; Im Woogtal 7,
67273 Bobenheim (DE). VOGEL, Gunter
[DE/DE]; Otterstadter Weg 38, 67346 Speyer
(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).

Published / Publiée : (c)

(51)⁷ C08J 5/18 // C08L 67/04

(11) WO 02/085969 (13) A2

(21) PCT/US02/10679

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/840,754 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIODEGRADABLE FILMS HAV-
ING ENHANCED DUCTILITY AND
BREATHABILITY
• FILMS BIODEGRADABLES PRESEN-
TANT UNE HAUTE DUCTILITE ET UN
HAUT POUVOIR RESPIRANT

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

(72) TOPOLKARAEV, Vasily, A.; 1730 South
Lee Street, Appleton, WI 54915 (US). SO-
ERENS, Dave, Allen; 736 Kensington Road,
Neenah, WI 54956 (US).

(74) GREEN, Theodore, M.; Kilpatrick Stockton
LLP, Suite 2800, 1100 Peachtree Street, At-
lanta, 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 C08J 5/18, C08L 67/04, 67/02, 71/02,
29/04

(11) WO 02/085970 (13) A2

(21) PCT/US02/12691

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,749 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF MAKING BIODEGRAD-
ABLE FILMS HAVING ENHANCED
DUCTILITY AND BREATHABILITY
• PROCEDES DE FABRICATION DE
FILMS BIODEGRADABLES A DUC-
TILITE ET RESPIRABILITE RENFOR-
CEES

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

(72) TOPOLKARAEV, Vasily, A.; 1730 South
Lee Street, Appleton, WI 54915 (US). SO-
ERENS, Dave, Allen; 736 Kensington Road,
Neenah, WI 54956 (US).

(74) GREEN, Theodore, M. et al. / etc.; Kil-
patrick Stockton LLP, Suite 2800, 1100
Peachtree Street, Atlanta, GA 30309 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C08K 3/00, C08F 2/44

(11) WO 02/085971 (13) A1

(21) PCT/EP02/02992

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 101 14 814.3 26 Mar/mar 2001 DE
(26.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REDISPERSION POWDERS THAT
CONTAIN FILLERS, METHOD FOR
THE PRODUCTION THEREOF, AND
THEIR USE

• POUDRE DE REDISPERSION CONTE-
NANT UNE SUBSTANCE DE CHARGE,
SON PROCEDE DE PREPARATION ET
SON UTILISATION

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHÖTTMER, Bernhard [DE/DE];
Lottenstr. 49, D-40789 Monheim (DE).
PAVEZ ARANGUIZ, Roberto Antonio
[CL/CL]; Santiago Street # 288, Graneros,
VI Region (CL).

(81) AU BR CA CN CZ HR HU IN JP KR MX
NO PL RU SG SI SK US ZA.

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

Published / Publiée : (c)

(51)⁷ C08K 3/00

(11) WO 02/085972 (13) A1

(21) PCT/US02/08607

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 09/838,476 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FILLED THERMOPLASTIC COMPOSI-
TION

• COMPOSITION THERMOPLASTIQUE
CONTENANT DES MATIERES DE
CHARGE

(71) DOW GLOBAL TECHNOLOGIES INC.
[US/US]; Washinton Street, 1790 Building,
Midland, MI 48674 (US).

(72) TRAUOGOTT, Thomas, D.; 1999 Green-
meadow Court, Sanford, MI 48657 (US).
NOVAK, Leo, R.; 209 Arrow Wood, Lake
Jackson, TX 77566 (US).

(74) CHRISTY, M., Robert; The Dow Chemi-
cal 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).
-
- (51)⁷ C08K 3/06, 5/14, 13/02, 5/00, 3/00
(11) WO 02/085973 (13) A1
(21) PCT/DZ02/00001
(22) 22 Apr/avr 2002 (22.04.2002)
(25) fr (26) fr
(30) 010025 22 Apr/avr 2001 DZ
(22.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ISOTACTIC POLYPROPYLENE
CROSSLINKING IN THE PRESENCE
OF PEROXIDE/SULPHUR COUPLE
• RETICULATION DU POLYPROPYLENE
ISO TACTIQUE EN PRESENCE
DU COUPLE PEROXYDE/SOUFRE
- (71, 72) BOUHELLAL, Saïd [DZ/DZ]; 17 Rue
Mohamed Saber, 19000 Sétif (DZ).
- (81) AT AU BR CA CH CN DE DK ES FI GB IN
JP KR LU MA MX NO NZ PL PT RO RU SE
TN TR US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(r) for all designations / pour toutes les
désignations
(s) for the following designations / pour les
désignations suivantes : AT AU BR CA CH CN
DE DK ES FI GB IN JP KR LU MA MX NO NZ
PL PT RO RU SE TN TR ZA 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 C08K 5/01, C07B 63/04, C01B 31/02,
A61K 6/083
(11) WO 02/085974 (13) A1
(21) PCT/US02/11978
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 101 19 831.0 23 Apr/avr 2001 DE
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LIGHT-POLYMERIZABLE DENTAL
COMPOSITION CONTAINING AN IN-
HIBITOR
• COMPOSITION DENTAIRE PHOTOPOLYMERISABLE
CONTENANT UN INHIBITEUR
- (71) DENTSPLY INTERNATIONAL INC.
[US/US]; 570 West College Avenue, P.O.
Box 872, York, PA 17405-0872 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KLEE, Joachim, E. [—/DE]; Espelweg
3/4, 78316 Radolfzell (DE). WALZ, Uwe
[—/DE]; Zum Klausenhorn 9, 78465 Kon-
stanz (DE).
- (74) HURA, Douglas, J. et al. / etc.; Dentsply
International Inc., 570 West College Avenue,
P.O. Box 872, York, PA 17404-0872 (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).
- Published / Publiée : (c)
-
- (51)⁷ C08K 03/36, 03/10, 03/22, C08L 63/00,
63/02, 75/14
(11) WO 02/085975 (13) A1
(21) PCT/US02/12521
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/284,989 19 Apr/avr 2001 US
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITION OF ACRYLATED URE-
THANE OLIGOMER, EPOXY RESIN
AND AMINE HARDENER
• COMPOSITION D'OLIGOMERE URE-
THANE ACRYLATE, DE RESINE
EPOXYDE ET DE DURCISSEUR
AMINE
- (71) DIVERSIFIED CHEMICAL TECH-
NOLOGIES, INC. [US/US]; 15400
Woodrow Wilson, Detroit, MI 48238 (US).
- (72) EADARA, Rajan; 2201 Trillium Woods
Drive, Ann Arbor, MI 48105 (US). JACAB,
Roy, P.; 2281 Academy, Troy, MI 48083
(US). AHN, Yushin; 29750 Wertham Court,
Farmington Hills, MI 48331 (US). PHILIP,
Biju; 3003 Belcher, Sterling Heights, MI
48310 (US). JOSEFF, Jori; 2767 Water-
pointe Circle, Mt. Pleasant, SC 29466 (US).
- (74) CITKOWSKI, Ronald, W. et al. / etc.;
Gifford, Krass, Groh, Sprinkle, Anderson
& Citkowski, P.C., 280 N. Old Woodward
Avenue, Suite 400, Birmingham, MI 48009
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C08L
(11) WO 02/085976 (13) A2
(21) PCT/US02/12116
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/836,534 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A THERMOPLASTIC RESIN COMPO-
SITION
- COMPOSITION DE RESINE THERMO-
PLASTIQUE
- (71) HONDA GIKEN KOGYO KABUSHIKI
KAISHA [JP/JP]; No. 1-1 Minami-Aoyama
2-chome, Minato-ku, Tokyo 107-8556 (JP).
COLOR & COMPOSITE TECHNOLO-
GIES, INC. [US/US]; 1062 4th Avenue, Sid-
ney, OH 54365 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MCENHILL, Corey, S. [US/US]; 6093
Ashleylynn Court, Dublin, OH 43016 (US).
CERRA, Bryan, T. [US/US]; 3425 Pat-
con Way, Hilliard, OH 43026 (US). ITO,
Yoshiyuki [JP/JP]; 3715-25 Nakaokamoto,
Kawachi-Machi, Kawachi-Gun, Tochigi
329-1105 (JP). MASUDA, Kazuhiko
[JP/JP]; C31-201, 2-4-1 Yushudai-Nishi,
Ichihara-Shi, Chiba 299-0125 (JP). KAWAI,
Youichi [JP/US]; 2461 Merrimont Drive,
Troy, OH 45373 (US). SAKUMOTO,
Shigemi [JP/US]; 728 Country-Side Lane,
Apt. #12, Sidney, OH 45365 (US).
TOSHINO, Hiroyuki [JP/US]; 217 S.
Tippecanoe Drive, Tipp City, OH 45371
(US).
- (74) TOWNES, Jeffrey N. et al. / etc.; Mor-
gan, Lewis & Bockius LLP, 1111 Pennsyl-
vania Avenue, NW, Washington, DC 20004
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 11/02, C08K 5/29, 5/3432, 5/13,
5/3417, 5/07
(11) WO 02/085977 (13) A1
(21) PCT/JP02/03954
(22) 19 Apr/avr 2002 (19.04.2002)
(25) ja (26) ja
(30) 2001-122396 20 Apr/avr 2001 JP
(20.04.2001)
(30) 2001-152353 22 May/mai 2001 JP
(22.05.2001)
(30) 2001-152354 22 May/mai 2001 JP
(22.05.2001)
(30) 2001-153688 23 May/mai 2001 JP
(23.05.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LATEX COMPOSITION
• COMPOSITION DE LATEX
- (71) DENKI KAGAKU KOGYO KABUSHIKI
KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome,
Chiyoda-ku, Tokyo 100-8455 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SUNADA, Kiyoshi [JP/JP]; c/o Denki
Kagaku Kogyo Kabushiki Kaisha, Oumi
Kojo, 2209, Oaza-oumi, Oumi-machi,
Nishi-kubiki-gun, Niigata 949-0305 (JP).

- WATANABE, Kosuke [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 21/00
(11) WO 02/085978 (13) A1
(21) PCT/JP02/03776
(22) 16 Apr/avr 2002 (16.04.2002)
(25) ja (26) ja
(30) 2001-120512 19 Apr/avr 2001 JP (19.04.2001)
(30) 2001-286666 20 Sep/sep 2001 JP (20.09.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • RUBBER COMPOSITIONS STABLE TO WATER STERILIZED WITH CHLORINE AND MOLDED RUBBER
• MELANGES CAOUTCHOUTES DESTINES A DU CAOUTCHOUC MOULE ET STABLE VIS-A-VIS DE L'EAU STERILISEE AU CHLORE
(71) THREE BOND CO., LTD. [JP/JP]; 1456, Hazamamachi, Hachioji-shi, Tokyo 193-8533 (JP). THREEBOND RUBBER CO., LTD. [JP/JP]; 11-8, Mihori-cho 4-chome, Akishima-shi, Tokyo 196-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HISADA, Hachiro [JP/JP]; 2-10-1-A302, Midorigaoka, Hamura-shi, Tokyo 205-0003 (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).
-
- (51)⁷ C08L 23/16, C08J 3/12
(11) WO 02/085979 (13) A1
(21) PCT/JP01/03352
- (22) 19 Apr/avr 2001 (19.04.2001)
(25) ja (26) ja
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • FLEXIBLE RESIN PELLETT AND PROCESS FOR PRODUCING THE SAME
• PASTILLES DE RESINE SOUPLE ET LEUR PROCEDE DE PRODUCTION
(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) MORIYA, Satoru [JP/JP]; c/o MITSUI CHEMICALS, INC., 3, Chigusaigaigan, Ichihara-shi, Chiba 299-0108 (JP). HOSOMI, Yasuhiro [JP/JP]; c/o MITSUI CHEMICALS, INC., 1-2, Waki 6-chome, Waki-cho, Kuga-gun, Yamaguchi 740-0061 (JP).
(74) SUZUKI, Shunichiro; SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
(81) CN ID JP KR SG US.
(84) EP (BE DE ES FR GB IT NL).
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- (51)⁷ C08L 33/12, C08F 20/18, 20/14, 8/00
(11) WO 02/085980 (13) A1
(21) PCT/US02/12411
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/284,875 20 Apr/avr 2001 US (20.04.2001)
(30) 60/284,876 20 Apr/avr 2001 US (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • HIGH HEAT DISTORTION TEMPERATURE METHACRYLATE POLYMER BLENDS
• MELANGES DE POLYMERES METHACRYLATE A HAUTE TEMPERATURE DE DEFORMATION A CHAUD
(71) PLASKOLITE, INC. [US/US]; P.O. Box 1497, 1770 Joyce Avenue, Columbus, OH 43216 (US).
(72) FARIS, Tom, V.; 5611 National S.W., Pataskala, OH 43062 (US). GORDON, Greg, T.; 7333 Monica Court, Columbus, OH 43221 (US). CHAN, David, T.; 4180 Randmore Court, Columbus, OH 43220 (US).
(74) BOLAND, Thomas, R.; Vorys, Sater, Seymour and Pease LLP, Suite 1111, 1828 L Street, NW, Washington, DC 20036-5104 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 45/00, 9/00, 53/02 // (C08L 45/00, 9:00) (C08L 45/00, 53:02)
(11) WO 02/085981 (13) A1
(21) PCT/US02/13044
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 09/842,216 25 Apr/avr 2001 US (25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CYCLOOLEFIN POLYMER BLENDS WITH DIENE POLYMER
• MELANGES DE POLYMERES DE CYCLOOLEFINE AVEC UN POLYMERE DIENE
(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, 2-2E, Deerfield, IL 60615 (US).
(72) DING, Yuan-Pang, Samuel; 1117 Trevor Circle, Libertyville, IL 60048 (US). LAL, birendra, K.; 1299 Thorndale Lane, Lake Zurich, IL 60047 (US). LING, Michael, T., K.; 1672 Cypress Pointe, Vernon Hills, IL 60061 (US). MENNENOH, Richard, J.; 3726 Dorchester Place, McHenry, IL 60050 (US). BEEDON, Daniel, E.; 562 Crockett Ave., Elmhurst, IL 60126 (US). WOO, Lecon; 1013 Shari Lane, Libertyville, IL 60043 (US). CORBIN, Sarah, L.; 19 Squire Road, Hawthorn Woods, IL 60047 (US). DILLON, George, P.; 1335 Orleans Drive, Mundelein, IL 60060 (US). PENNINGTON, Dale; 38 Hawthorne Lane, Fox Lake, IL 60020 (US). QIN, Chuan; 4938 Boulders Drive, Gurnee, IL 60031 (US). RYAN, Patrick, T.; 968 Boxwood Drive, Crystal Lake, IL 60014 (US).
(74) BUONAIUTO, Mark, J.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 C08L 51/04, 27/06
(11) WO 02/085982 (13) A1
(21) PCT/JP02/03833
(22) 17 Apr/avr 2002 (17.04.2002)
(25) ja (26) ja
(30) 2001-120783 19 Apr/avr 2001 JP (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • THERMOPLASTIC RESIN COMPOSITION
• COMPOSITION DE RESINE THERMOPLASTIQUE
(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAKI, Akira** [JP/JP]; 1-2-13-202, Kotokuchō, Nada-ku, Kobe-shi, Hyogo 657-0025 (JP). **MIZUTA, Toshio** [JP/JP]; 5-4-12, Komatsubara, Araicho, Takasago-shi, Hyogo 676-0011 (JP). **MIYATAKE, Nobuo** [JP/JP]; 560-37, Kanegasaki, Uozumicho, Akashi-shi, Hyogo 674-0071 (JP). **SATO, Akio** [JP/JP]; 1-4-13, Wakamatsuchō, Nagata-ku, Kobe-shi, Hyogo 653-0038 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) BR 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 C08L 67/04, C08K 5/00, 3/00, 13/00

(11) WO 02/085983 (13) A1

(21) PCT/US02/12541

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,560 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESSING OF POLYHYDROXY-ALKANOATES USING A NUCLEANT AND A PLASTICIZER

• TRAITEMENT DE POLYHYDROXY-ALKANOATES AU MOYEN D'UN AGENT DE NUCLEATION ET D'UN PLASTIFIANT

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

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

(72, 75) **FUGULY, Garret, D.** [US/US]; 18 Drummond Drive, Highland West, Wilmington, DE 19808 (US).

(74) **BELOPOLSKY, Inna, 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).

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)

(t) for all designations / pour toutes les désignations

(51)⁷ C08L 77/00, C08K 3/34, 7/04

(11) WO 02/085984 (13) A1

(21) PCT/JP02/03854

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-121086 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLYAMIDE RESIN COMPOSITION FOR FUSE DEVICE

• COMPOSITION A BASE DE RESINE DE POLYAMIDE POUR DISPOSITIF A FUSIBLE

(71) **UNITIKA LTD.** [JP/JP]; 50, Higashihonmachi 1-chome, Amagasaki-shi, Hyogo 660-0824 (JP). **PACIFIC ENGINEERING CORP.** [JP/JP]; 450, Hinoki-cho, Ogaki-shi, Gifu 503-0981 (JP).

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

(72, 75) **FUJIMOTO, Koji** [JP/JP]; c/o UNITIKA LTD., Uji Plastics Plant, 31-3, Ujihinojiri, Uji-shi, Kyoto 611-0021 (JP). **MURAKAMI, Iwao** [JP/JP]; c/o Pacific Engineering Corp., 450, Hinoki-cho, Ogaki-shi, Gifu 503-0981 (JP). **ANDOH, Hideki** [JP/JP]; c/o Pacific Engineering Corp., 450, Hinoki-cho, Ogaki-shi, Gifu 503-0981 (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) BR CA CN IN JP KR PH RU US VN.

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

(51)⁷ C08L 101/00, 71/02, 33/00, C08K 7/22, C09K 3/10

(11) WO 02/085985 (13) A1

(21) PCT/JP02/03917

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-120961 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-377683 11 Dec/déc 2001 JP (11.12.2001)

(30) 2002-70538 14 Mar/mar 2002 JP (14.03.2002)

(30) 2002-108861 11 Apr/avr 2002 JP (11.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CURABLE COMPOSITION

• COMPOSITION DURCISSABLE

(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) **KANAMORI, Yuka** [JP/JP]; Sanseiso, 31-17, Shioyacho 6-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). **TAKASE, Junji** [JP/JP]; 5-20, Nishiakashicho 5-chome, Akashi-shi, Hyogo 673-0011 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (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 C09B 62/45, 67/22

(11) WO 02/085986 (13) A1

(21) PCT/IB02/01274

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 0109727.8 20 Apr/avr 2001 GB (20.04.2001)

(30) 0122699.2 21 Sep/sep 2001 GB (21.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FIBER-REACTIVE MONO-AZO DYES

• COLORANTS MONO-AZOIQUES REACTIFS AUX FIBRES

(71) **CLARIANT INTERNATIONAL LTD** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

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

(72, 75) **WALD, Roland** [FR/FR]; 10, Rue Wilson, F-68330 Huningue (FR). **GISLER, Markus** [CH/CH]; F.J. Dietschy-Weg 2, CH-4310 Rheinfelden (CH).

(74) **DÜNNWALD, Dieter**; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(81) BR CA CN CZ ID IN JP KR MX 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)

(51)⁷ C09B 67/22, C09D 5/00

(11) WO 02/085987 (13) A1

(21) PCT/EP02/04212

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 743/01 24 Apr/avr 2001 CH (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PIGMENT COMPOSITIONS AND PIGMENTED WATER-BASED COATING MATERIALS

• COMPOSITIONS DE PIGMENTS ET MATERIAUX DE REVETEMENT PIGMENTES A BASE D'EAU

(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) LENZ, Roman [CH/CH]; Tiergartenstrasse 40, CH-4410 Liestal (CH). WAL-LQUIST, Olof [SE/CH]; Spechtstrasse 34, CH-4106 Therwil (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 69/02, 69/00, 67/44, 67/00, C09D 11/00

(11) WO 02/085988 (13) A1

(21) PCT/EP02/04071

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 01810383.8 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WATER-SOLUBLE SALT OF SULFONAMIDES AS COLORANTS FOR THE PIGMENTING OF POROUS MATERIALS AND FOR USE IN INKJET PRINTING

• SELS HYDROSOLUBLES DE SULFONAMIDES UTILISES COMME COLORANTS POUR LA PIGMENTATION DE MATERIAUX POREUX ET POUR L'IMPRESSION A JET D'ENCRE

(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) SCHACHT, Hans-Thomas [DE/DE]; Schillerstrasse 35, 79618 Rheinfelden (DE). MOEGLE, Gilbert [FR/FR]; 1, rue des cerises, F-68510 Magstatt-le-Bas (FR).

(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 C09D 1/00

(11) WO 02/085989 (13) A1

(21) PCT/KR02/00769

(22) 25 Apr/avr 2002 (25.04.2002)

(25) ko (26) en

(30) 2001/0022270 25 Apr/avr 2001 KR (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PHOTOCATALYTIC COATING MATERIAL HAVING PHOTOCATALYTIC ACTIVITY AND ADSORPTION PROPERTY AND METHOD FOR PREPARING THE SAME

• MATERIAU DE REVETEMENT PHOTOCATALYTIQUE PRESENTANT UNE ACTIVITE PHOTOCATALYTIQUE ET DES PROPRIETES D'ADSORPTION, ET PROCEDE DE PREPARATION ASSOCIE

(71) NANOPAC LTD. [KR/KR]; 8F Kyeonggi Venture B/D Suwon Center, 1017, Inge-Dong, Paldal-Ku, Suwon, 441-070 Gyeonggi-do (KR).

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

(72, 75) LEE, Tai-Kyu [KR/KR]; 726 Family officetel, 958-2, Youngtong-dong, Paldal-Ku, Suwon, 442-470 Gyeonggi-do (KR). YOON, Young-Jin [KR/KR]; 503-605 Jungong Apt., 6, Byeoryang-dong, Gwacheon-si, 427-040 Gyeonggi-do (KR). YOON, Woo-Sug [KR/KR]; 107-301 Jugong Apt., 29 Wooman-dong, Paldal-Ku, Suwon, 442-752 Gyeonggi-do (KR).

(74) LEE, Sei-Jin et al. / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 Seoul (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/02, 7/12, 5/16, B01J 35/02

(11) WO 02/085990 (13) A1

(21) PCT/JP02/03536

(22) 9 Apr/avr 2002 (09.04.2002)

(25) ja (26) ja

(30) 2001-118484 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COATING MATERIAL COMPOSITION HAVING PHOTOCATALYTIC ACTIVITY

• COMPOSITION DE MATIERE DE REVETEMENT AYANT UNE ACTIVITE PHOTOCATALYTIQUE

(71) TOSOSANGYO CO., LTD. [JP/JP]; 2-2-4, Kudanminami, Chiyoda-ku, Tokyo 102-0074 (JP).

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

(72, 75) NARUSE, Tohru [JP/JP]; c/o TOSOSANGYO CO., LTD., 3-2-18, Imafukuhigashi, Joto-ku, Osaka-shi, Osaka 536-0002 (JP). MIYABARA, Kouji [JP/JP]; c/o TOSOSANGYO CO., LTD., 1-1-40, Ojima, Koto-ku, Tokyo 136-0072 (JP).

(74) SUZUKI, Shunichiro; SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (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 C09D 5/20, 5/00

(11) WO 02/085991 (13) A1

(21) PCT/US02/10362

(22) 2 Apr/avr 2002 (02.04.2002)

(25) en (26) en

(30) 09/838,873 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STRIPPABLE COATING SYSTEM

• SYSTEME DE REVETEMENT PE-LABLE

(71) ECOLAB INC. [US/US]; Ecolab Center, Saint Paul, MN 55102 (US).

(72) OLSON, Keith, E.; 13966 Edenwood Court, Apple Valley, MN 55124 (US). JACKSON, Victoria, Jeanne; 16561 Javelin Avenue, Lakeville, MN 55044 (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C09D 5/32, 133/00, 123/06, 175/04, 167/00, 127/06, 7/12, C03C 17/32, C08K 3/22

(11) WO 02/085992 (13) A1

(21) PCT/AU02/00490

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4469 19 Apr/avr 2001 AU (19.04.2001)

(30) PCT/AU01/01050 23 Aug/août 2001 AU (23.08.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) ● COATING COMPOSITION CAPABLE OF ABSORBING UV RADIATION
● COMPOSITION DE REVETEMENT CAPABLE D'ABSORBER LES RAYONS ULTRAVIOLETS
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU). BOTTLE MAGIC (AUSTRALIA) PTY LTD [AU/AU]; 521 South Road, Regency Park, South Australia 5010 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARRIS, Dominic, Richard [AU/AU]; 494 Highbury Road, Mt Waverley, Victoria 3149 (AU). MEAKIN, Pavla [—/AU]; 1 Pytchley Road, Croydon, Victoria 3136 (AU). TURNEY, Terence, William [AU/AU]; 17 McLaren Street, Mt Waverley, Victoria 3149 (AU). LELE, Imre [AU/AU]; 16 Studley Avenue, Kew, Victoria 3101 (AU).
- (74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 C09D 7/14
- (11) WO 02/085993 (13) A1
- (21) PCT/EP01/04509
- (22) 20 Apr/avr 2001 (20.04.2001)
- (25) fr (26) fr
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) ● METHOD FOR PRODUCING PAINTS, ESPECIALLY BY MIXING PREDETERMINED AMOUNTS OF LIQUID PRODUCTS
● PROCEDE POUR REALISER DES PEINTURES, SURTOUT EN MELANGEANT DES QUANTITES PREDETERMINEES DE PRODUITS FLUIDES
- (71, 72) BIZZIO, Nickolas [US/MC]; 3, boulevard d'Italie, MC-98000 Monte-Carlo (MC).
- (74) PROVVISIONATO, Paolo; Provvisionato & Co. S.r.l, Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 : (b)
- (51)⁷ C09D 11/02, A23G 3/00
- (11) WO 02/085995 (13) A1
- (21) PCT/US01/25756
- (22) 17 Aug/août 2001 (17.08.2001)
- (25) en (26) en
- (30) 09/839,582 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) ● PRINTING PROCESS WITH EDIBLE INKS
● PROCEDE D'IMPRESSION AVEC ENCRE COMESTIBLES
- (71) DECOPAC, INC. [US/US]; 5736 Main Street, Minneapolis, MN 55432 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUSSELL, John [GB/GB]; 11 Westlea, Bedlington, Northumberland NE22 6DX (GB). CANDLER, Andrew [GB/GB]; 47 The Avenue, Morpeth, Northumberland NE61 2DF (GB). WRIGHT, Angela [GB/GB]; 176 Newbiggin Road, Ashington, Northumberland NE63 0TL (GB).
- (74) GWIN, H., Sanders, Jr.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 C09D 163/00, 163/02, 133/08
- (11) WO 02/085997 (13) A1
- (21) PCT/EP02/03981

(22) 10 Apr/avr 2002 (10.04.2002)

(25) de (26) de

(30) 101 19 141.3 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AQUEOUS COATING COMPOSITIONS
BASED ON SELF-DISPERSING EPOXY
RESINS

- COMPOSITIONS DE REVETEMENT
AQUEUSES A BASE DE RESINES
EPOXY AUTO-DISPERSIVES

(71) COGNIS DEUTSCHLAND GMBH &
CO. KG [DE/DE]; Henkelstr. 67, 40589
Düsseldorf (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HÖFER, Rainer [DE/DE]; Klever Str.
31, 40477 Düsseldorf (DE). NAGORNY,
Ulrich [DE/DE]; Heinrich-Lersch-Str. 37,
40721 Hilden (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 C09D 163/00, C08F 283/10, C09D 4/00

(11) WO 02/085998 (13) A1

(21) PCT/EP02/03982

(22) 10 Apr/avr 2002 (10.04.2002)

(25) de (26) de

(30) 101 19 127.8 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AQUEOUS COATING COMPOSITIONS
BASED ON EPOXY RESINS

- COMPOSITIONS DE REVETEMENT
AQUEUSES A BASE DE RESINES
EPOXY

(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) NAGORNY, Ulrich [DE/DE]; Hein-
rich-Lersch-Strasse 37, 40721 Hilden (DE).
HÖFER, Rainer [DE/DE]; Klever Strasse
31, 40477 Düsseldorf (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 C09D 167/00

(11) WO 02/085999 (13) A1

(21) PCT/EP02/04294

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 01110267.0 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THERMOSETTING POWDER COMPO-
SITIONS FOR COATINGS

- COMPOSITIONS PULVERULENTES
THERMODURCISSABLES POUR RE-
VETEMENTS

(71) UCB, S.A. [BE/BE]; Allée de la Recherche
60, B-1070 Bruxelles (BE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MOENS, Luc [BE/BE]; Ijsvogellaan
30, B-1640 SINT-GENESIUS-RODE (BE).
KNOOPS, Nele [BE/BE]; Blokweg 12,
B-3020 HERENT (BE). MAETENS, Daniel
[BE/BE]; Avenue René Comhaire, 108,
B-1070 BRUXELLES (BE).(74) ROELANTS, François; UCB, S.A., In-
tellectual Property Department, Allée de la
Recherche 60, B-1070 Bruxelles (BE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 175/16, 201/02, C08G 18/67, 18/38

(11) WO 02/086000 (13) A1

(21) PCT/EP02/03280

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 689.2 23 Mar/mar 2001 DE
(23.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UNSATURATED COMPOUNDS CON-
TAINING CARBAMATE TERMINAL
GROUPS OR UREA TERMINAL
GROUPS

- COMPOSES INSATURES CONTE-
NANT DES GROUPES TERMINAUX
CARBAMATE OU UREE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SCHWALM, Reinhold [DE/DE]; Am
Hüttenwingert 6, 67157 Wachenheim (DE).
MEISENBURG, Uwe [DE/DE]; Kardi-
nal-Galen-Str. 42, 47051 Duisburg (DE).(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).

(81) BR JP 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 C09D 201/02, C08G 2/06

(11) WO 02/086001 (13) A1

(21) PCT/US02/12845

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/296,851 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CURABLE COATING COMPOSITIONS
HAVING IMPROVED COMPATIBIL-
ITY AND SCRATCH AND MAR RE-
SISTANCE, CURED COATED SUB-
STRATES MADE THEREWITH AND
METHODS FOR OBTAINING THE
SAME COATING

- COMPOSITIONS DE REVETEMENT
SECHABLES POSSEDANT UNE
COMPTABILITE AMELIOREE ET
UNE RESISTANCE AUX GRIFFURES
ET AUX MARQUAGES AMELIO-
REE, SUBSTRATS REVETUS SECHES
CONÇUS A PARTIR DE CELLES-CI ET
PROCEDES PERMETTANT D'OBTENIR
LE REVETEMENT

(71) BASF CORPORATION [US/US]; Patent
Department, 26701 Telegraph Road, South-
field, MI 48034-2442 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) CAMPBELL, Donald [US/US]; 1211
Maxfield Lake Road, Hartland, MI 48353
(US). COOK, Vincent [US/DE]; Tulpen-
weg 21, 48165 Munster (DE). OERMANN,
Bruce [US/US]; 36444 Suffolk, Clinton
Township, MI 48035 (US). BEARMAN,
William [US/US]; 23630 Civic Center Drive,
Apartment Number 151, Southfield, MI
48034 (US).(74) GOLOTA, Mary et al. / etc.; BASF Corpo-
ration, 26701 Telegraph Road, Southfield, MI
48034-2442 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 C09J 4/00

(11) WO 02/086002 (13) A2

(21) PCT/US02/13001

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 2001-128006 25 Apr/avr 2001 JP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLASTICIZER-RESISTANT PRES-
SURE-SENSITIVE ADHESIVE COM-
POSITION AND ADHESIVE ARTICLE

- COMPOSITION ADHESIVE AUTO-
COLLANTE RESISTANT AUX PLAS-
TIFIANTS ET ARTICLE ADHESIF

(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) NAKAMUTA, Shoijitsu [JP/JP]; Famile Square Kokubunji #906 4-1-14 Honcho, Kokubunji, Tokyo 185-0012 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C09J 7/00, 163/00, 11/00

(11) WO 02/086003 (13) A1

(21) PCT/US02/10644

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 2001-123318 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A THERMOSETTING ADHESIVE FILM, AND AN ADHESIVE STRUCTURE BASED ON THE USE THEREOF
• FILM ADHESIF THERMODURCISABLE ET STRUCTURE ADHESIVE BASEE SUR L'UTILISATION DE CE-LUI-CI

(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) KAWATE, Kohichiro [JP/JP]; 8-13-12, Tamagawagakuen, Machida-city, Tokyo 194-0041 (JP). ISHII, Shigeyoshi [JP/JP]; 2392-6, Kobiki-machi, Hachioji-city, Tokyo 193-0934 (JP). HARA, Tomihiro [JP/JP]; 5-19, Hashimotodai 1-chome, Sagamihara-city, Kanagawa 229-0021 (JP). YOSHIDA, Yuko [JP/JP]; 2-2-21-402, Takane, Sagamihara-city, Kanagawa 229-0021 (JP).

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

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

MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C09J 7/02

(11) WO 02/086004 (13) A1

(21) PCT/JP02/03701

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-118172 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADHESIVE SHEET AND PRODUCTION METHOD THEREFOR
• FEUILLE ADHESIVE ET PROCEDE DE FABRICATION

(71) LINTEC CORPORATION [JP/JP]; 23-23, Honcho, Itabashi-ku, Tokyo 173-0001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBANO, Tomishi [JP/JP]; 19-22, Tonoyamacho, Higashimatsuyama-shi, Saitama 355-0003 (JP). MITSUHASHI, Masafumi [JP/JP]; 129, Nanasawa, Atsugi-shi, Kanagawa 243-0121 (JP). TOT-SUKA, Toshiaki [JP/JP]; 637-1, Oaza Muraoka, Kumagaya-shi, Saitama 360-0162 (JP). TSUTSUI, Toshihiro [JP/JP]; 43-7-316, Yamatocho, Itabashiku, Tokyo 173-0012 (JP).

(74) ORIGUCHI, Shingo; 3F, Nishishinbashiugura Bldg., 14-7, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (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 C09J 7/02

(11) WO 02/086005 (13) A1

(21) PCT/US02/13291

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,464 25 Apr/avr 2001 US (25.04.2001)

(30) 10/132,000 24 Apr/avr 2002 US (24.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITIONS AND METHODS OF MAKING TEMPERATURE RESISTANT PROTECTIVE TAPE
• COMPOSITIONS ET PROCEDES PERMETTANT LA PRODUCTION DE RUBANS DE PROTECTION THERMO-RESISTANTS

(71) SCAPA NORTH AMERICA [US/US]; 111 Great Pond Drive, Windsor, CT 06095 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARNES, Scott, C. [CA/CA]; 82 Ivy Avenue, Renfrew, Ontario K7V 4G6 (CA). POISSON, Daniel [CA/CA]; 377 Riverview

Drive, Renfrew, Ontario K7V 3Z5 (CA). HUDDLESTON, Elwyn [US/US]; 5317 Meadow lake Road, Brentwood, TN 37027 (US).

(74) GREENBERG TRAUIG LLP; 2450 Colorado Avenue, Suite 400E, Santa Monica, CA 90404 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 C09J 9/00, 11/08, 111/02

(11) WO 02/086006 (13) A1

(21) PCT/FR02/01390

(22) 23 Apr/avr 2002 (23.04.2002)

(25) fr (26) fr

(30) 01/05527 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COAGULATING AGENT AND SOLUTION FOR THE PRODUCTION OF BI-COMPONENT OR MULTI-COMPONENT GLUES, GLUEING METHOD AND CORRESPONDING DEVICE

• AGENT ET SOLUTION DE COAGULATION POUR LA FABRICATION DE COLLES BI OU MULTICOMPONENTES, PROCEDE DE COLLAGE ET DISPOSITIF CORRESPONDANT

(71) COLLANO SA (SOCIETE ANONYME) [FR/FR]; Z.I. Route de Kirchheim, F-67520 Marlenheim (FR).

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

(72, 75) HOSOTTE, Claude [FR/CH]; 12 Eichenstrasse, CH-6203 Sempach Station (CH). FERRAND, Damien [FR/CH]; 12 Eichenstasse, CH-6203 Sempach Station (CH).

(74) CABINET NUSS; 10, rue Jacques Kablé, F-67080 Strasbourg Cedex (FR).

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

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

Published / Publiée : (c)

(51)⁷ C09J 123/36, 125/02, C08K 5/01, 5/09, 5/16, 5/17, C08L 23/36, 25/02, 91/00

(11) WO 02/086007 (13) A1

(21) PCT/US02/12280

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,954 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOW EMISSIONS ONE PART ADHESIVE

• ADHESIF MONOBLOC A FAIBLES EMISSIONS

(71) W.F. TAYLOR CO., INC. [US/US]; 11545 Pacific Avenue, Fontana, CA 92337 (US).

(72) DDAMULIRA, Robert, Kintu; 3900 Megan Court, Chattanooga, TN 37421 (US). RAIDY, John, Edmund, Jr.; 790 Prospect Blvd., Pasadena, CA 91103 (US). WRIGHT, Barry, Kenneth; 11720 Wildwood Spring Drive, Roswell, GA 30075 (US). REGIS, Darwin, Carles; 5612 Pimenta Avenue, Lakewood, CA 90712 (US).

(74) SIEGAL, Matthew, W. et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 C09J 177/00, 133/06, E06B 3/26 // (C09J 177/00, 133/06) (C09J 133/06, 177/00)

(11) WO 02/086008 (13) A1

(21) PCT/IT02/00234

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) MI2001A000843 20 Apr/avr 2001 IT (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEAT-SENSITIVE ADHESIVE INSERT FOR HEAT-INSULATING COMPOSITE METAL SECTIONS

• INSERT ADHESIF SENSIBLE A LA CHALEUR POUR PARTIES METALLIQUES COMPOSITES ISOLANT DE LA CHALEUR

(71) MAZZER MATERIE PLASTICHE DI GIACOMO EZIO MAZZER & C. S.N.C. [IT/IT]; Via Dante, 35, I-22037 Ponte Lambro (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PESSINA, Valerio [IT/IT]; Via Miola, 56, I-21047 Saronno (IT).

(74) PELLEGGATTA, Ottorino; Calvani, Salvi & Veronelli S.r.l., Piazza Duca d'Aosta, 4, I-20124 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 C09J 177/12, D06N 7/00

(11) WO 02/086009 (13) A1

(21) PCT/NL02/00274

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 1017941 25 Apr/avr 2001 NL (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HOT/MELT ADHESIVE COMPOSITION AND PROCESS FOR THE PREPARATION OF A TEXTILE PRODUCT

• COMPOSITION THERMOFUSIBLE ET PROCEDE POUR L'ELABORATION D'UN PRODUIT TEXTILE

(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) VAN GEENEN, Albert, Arnold [NL/NL]; Avondsterstraat 20, NL-6133 VL Sittard (NL). KONING, Cornelis, Eme [NL/NL]; Sperwerdreef 7, NL-6446 DJ Brunssum (NL). VREEKAMP, Remco, H. [NL/NL]; Maastrichtergrachtstraat 20D, NL-6211 BG Maastricht (NL). MAASSEN, Mathijs, Hubert, Gertrudes [NL/NL]; Merwedestraat 16, NL-6171 XT Stein (NL).

(74) MOOIJ, Johannes, Jacobus; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/18

(11) WO 02/086010 (13) A1

(21) PCT/EP02/03698

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 18 685.1 14 Apr/avr 2001 DE (14.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEFROSTING AGENT AND METHOD FOR MELTING SNOW AND ICE

• DEGIVREUR ET PROCEDE PERMETTANT DE FAIRE FONDRE LA NEIGE ET LA GLACE

(71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).

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

(72, 75) DIETL, Harald, Artur [DE/DE]; Ludwig-Ganghofer-Strasse 43e, 84556 Kastl (DE).

(74) MIKULECKY, Klaus; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).

(81) 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 C09K 5/00

(11) WO 02/086011 (13) A1

(21) PCT/US02/12673

(22) 6 Apr/avr 2002 (06.04.2002)

(25) en (26) en

(30) 60/285,108 20 Apr/avr 2001 US (20.04.2001)

(30) 10/081,322 22 Feb/fév 2002 US (22.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MONOPOXYCYCLOHEXYL CARBOXYLATES AND AIRCRAFT HYDRAULIC FLUIDS CONTAINING SAME

• CARBOXYLATES DE MONOPOXYCYCLOHEXYLE ET FLUIDES HYDRAULIQUES D'AERONEF CONTENANT LESDITS CARBOXYLATES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) POIRIER, Marc-Andre; 63 Versailles Blvd., Cherry Hill, NJ 08003 (US).

(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 UZ VN YU ZA ZW.

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

(11) WO 02/086012 (13) A1

(21) PCT/US02/12674

(22) 5 Apr/avr 2002 (05.04.2002)

- (25) en (26) en
- (30) 60/285,110 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 10/077,605 **15 Feb/fév 2002** US
(15.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SERVO VALVE EROSION INHIBITED AIRCRAFT HYDRAULIC FLUIDS
• FLUIDES HYDRAULIQUES D'AE-RONEF INHIBES PAR EROSION DU SERVO-DISTRIBUTEUR
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) POIRIER, Marc-Andre; 63 Versailles Blvd., Cherry Hill, NJ 08003 (US).
- (74) ALLOCCA, Joseph, J. et al. / etc.; Exxon 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 TN TR TT TZ UA UG VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09K 5/00
- (11) WO 02/086013 (13) A1
- (21) PCT/US02/09498
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/285,106 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 10/077,607 **15 Feb/fév 2002** US
(15.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SERVO VALVE EROSION INHIBITED AIRCRAFT HYDRAULIC FLUIDS
• EROSION DE SERVODISTRIBUTEUR INHIBEE PAR LES FLUIDES HYDRAULIQUES D'UN AERONEF
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) POIRIER, Marc-Andre; 63 Versailles Blvd., Cherry Hill, NJ 08803 (US).
- (74) SIMON, Jay et al. / etc.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 C09K 11/06
- (11) WO 02/086015 (13) A2
- (21) PCT/GB02/01839
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 0109758.3 **20 Apr/avr 2001** GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MIXED METAL ORGANIC COMPLEXES
• COMPLEXES ORGANIQUES METALLIQUES MELANGES
- (71) ELAM-T LIMITED [GB/GB]; South Bank Techno Park, 90 London Road, London SE1 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATHIRGAMANATHAN, Poopathy [GB/GB]; The Little Lancaster House, 1 Lancaster Road, North Harrow HA2 7NN (GB). WICKRAMSINGHE, Chamila [LK/GB]; Clubland Methodist Hostel, 56 Camberwell Road, London SE5 0EN (GB). GANESHAMURUGAN, Srilankan [GB/GB]; Clubland Methodist Hostel, 56 Camberwell Road, London SE5 0EN (GB). RAVICHANDRAN, Seenivasagam [GB/GB]; 27 Garendon Road, Morden, Surrey SM4 6LX (GB).
- (74) COHEN, Alan, Nicol; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/62, H05B 33/14, 33/10
- (11) WO 02/086016 (13) A1
- (21) PCT/JP02/03926
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-121591 **19 Apr/avr 2001** JP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PHOSPHOR THIN FILM, ITS PRODUCTION METHOD, AND EL PANEL
• COUCHE MINCE LUMINOPHORE, SON PROCÉDE DE PRODUCTION, ET PANNEAU ELECTROLUMINESCENT
- (71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
- (72) YANO, Yoshihiko; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). OIKE, Tomoyuki; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
- (74) ISHII, Yoichi; Tenjin Iyasaka Kosan Bldg. 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (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).
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- (51)⁷ C09K 11/62, H05B 33/14, 33/10
- (11) WO 02/086017 (13) A1
- (21) PCT/JP02/03927
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-121591 **19 Apr/avr 2001** JP
(19.04.2001)

(30) 2002-30132 6 Feb/fév 2002 JP
(06.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PHOSPHOR THIN FILM, ITS PRODUCTION METHOD, AND EL PANEL

• COUCHE MINCE LUMINOPORE, SON PROCEDE DE PRODUCTION, ET PANNEAU ELECTROLUMINESCENT

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(72) YANO, Yoshihiko; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). OIKE, Tomoyuki; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) ISHII, Yoichi; Tenjin Iyasaka Kosan Bldg. 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (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 C10G

(11) WO 02/086018 (13) A2

(21) PCT/US02/13311

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,062 24 Apr/avr 2001 US
(24.04.2001)

(30) 60/337,249 24 Oct/oct 2001 US
(24.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IN SITU RECOVERY FROM A OIL SHALE FORMATION

• RECUPERATION D'HUILE IN SITU A PARTIR D'UNE FORMATION DE SCHISTE BITUMINEUX

(71) SHELL OIL COMPANY [US/US]; Christensen, Del, P.O. Box 2463, Houston, TX 77252-2463 (US).

(72) VINEGAR, Harold, J.; 5219 Yarwell, Houston, TX 77096 (US). WELLINGTON, Scott, L.; 5109 Aspen Street, Bellaire, TX 77401-4938 (US). KARANIKAS, John, M.; 4655 Wild Indigo Street, Apartment 302, Houston, TX 77027 (US). MAHER, Kevin, A.; 5106 Huisache Street, Bellaire, TX 77401 (US). RYAN, Robert, C.; 214 Cove Creek, Houston, TX 77042 (US). SHAHIN, Gordon, T.; 4801 Cedar Street, Bellaire, TX 77401 (US). KEEDY, Charlie, R.; 5118 Danebriidge Drive, Houston, TX 77084 (US). MADGAVKAR, Ajay, M.; 3102 Bentgrass Drive, Katy, TX 77450 (US). MENOTTI, James, L.; 1810 Caroline, Dickinson, TX 77539 (US). VAN HARDEVELD, Martijn; Badhuisweg 3, NL-1031 CM Amsterdam (NL). WARD, John, M.; 2231 Royal Adelaide Drive, Katy, TX 77450 (US). SUMNU-DINDORUK, Meliha, D.; 13011 Fox Brush Lane, Houston, TX 77041 (US). ROBERTS, Bruce; 64 Hawkwood Hill NW, Calgary, Alberta T3G 3C6 (CA). VEENSTRA, Peter; 8507 Chipping Rock Drive, Sugar Land, TX 77479 (US). WATKINS, Wade; 17503 Bending Cypress road, Cypress, TX 77429 (US). CRANE, Steve; 2610 Spring Lake Drive, Richardson, TX 75082 (US). DE ROUFFIGNAC, Eric; 4040 Ruskin, Houston, TX 77005

(US). STEGEMEIER, George, L.; 5819 Queensloch Drive, Houston, TX 77096 (US). BERCHENKO, Ilya, E.; 2102 Pine Drive, Friendswood, TX 77546 (US). ZHANG, Etuan; 5425 Loch Lomond Drive, Houston, TX 77096 (US). FOWLER, Thomas, D.; 634 Aldersgate Court, Katy, TX 77450 (US). COLES, John, M.; 703 Park Meadow Drive, Katy, TX 77450 (US). SCHOELING, Lanny; 2006 Emerald Loft Circle Drive, Katy, TX 77450 (US). CARL, Fred, G.; 8406 Edgemoor Drive, Houston, TX 77036 (US). HUNSUCKER, Bruce, G.; 5149 Mockingbird Lane, Katy, TX 77493 (US). BAXLEY, Philip, T.; 107 McTighe Drive, Bellaire, TX 77401 (US). BIELAMOWICZ, Lawrence, J.; 5223 Chestnut, Bellaire, TX 77401 (US). MESSIER, Margaret; 1404 4A Street NW, Calgary, Alberta T2M 3B1 (CA). PRATT, Kip; Box 4, Site 7, RR-1, Cochrane, Alberta T4C 1A1 (CA). LEPPER, Bruce; 115 Waterloo Drive S.W., Calgary, Alberta T3C 3G4 (CA). BASS, Ronald; 3772 Ingold Street, Houston, TX 77005 (US). MIKUS, Tom; 906 Coachlight Drive, Houston, TX 77077-1108 (US). GLANDT, Carlos; Insulindeweg 27, NL-2612 EL Delft (NL).

(74) MEYERTONS, Eric, B.; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).

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

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

(51)⁷ C10G 11/00

(11) WO 02/086019 (13) A2

(21) PCT/EP02/04142

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/285,359 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FCC REACTOR

• REACTEUR DE CRAQUAGE CATALYTIQUE SUR LIT FLUIDE (FCC)

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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

(72, 75) CHEN, Ye-Mon [US/US]; 2215 Bent River Drive, Sugar Land, TX 77479 (US). DEWITZ, Thomas, Shawn [US/US]; 4613 Valerie Street, Bellaire, TX 77401 (US). DIRKSE, Hendricus, Arien [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). DRIES, Hubertus, Wilhelmus, Albertus [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). SANBORN, Richard, Addison [US/US]; 12418 Mossycup Drive, Houston, TX 77024 (US).

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

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

(51)⁷ C10G 11/00, 35/14

(11) WO 02/086020 (13) A1

(21) PCT/US02/10978

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 60/285,026 19 Apr/avr 2001 US
(19.04.2001)

(30) ESW-0201 1 Apr/avr 2002 US
(01.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND PROCESS FOR ENHANCED FEED ATOMIZATION

• APPAREIL ET PROCEDE D'ATOMISATION AMELIOREE D'ALIMENTS

(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) ADAMSON, William, Russell [—/US]; 2510 Gates Circle #21, Baton Rouge, LA 70809 (US). SWAN, George, A., III [—/US]; 18437 Wildlife Way Drive, Baton Rouge, LA 70817 (US). BEDELL, Michael, Walter [—/US]; 245 Meadow Bend Drive, Baton Rouge, LA 70820 (US).

(74) PURWIN, Paul, E. et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C10G 29/00, 29/02, 29/06, C02F 1/68, C07C 53/06

(11) WO 02/086021 (13) A1

(21) PCT/US02/12618

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,715 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TREATMENT OF HYDROCARBONS CONTAINING SULFIDES

• TRAITEMENT D'HYDROCARBURES A BASE DE SULFURES

(71) CLEARWATER, INC. [—/US]; 5605 Grand Avenue, Pittsburgh, PA 15225 (US).

(72) GATLIN, Larry, W.; 9542 FM 1303, Floresville, TX 78114 (US). MUELLER, Wayne; 131 Tipping Close, Airdrie, AB T4A 2A7 (CA).

(74) KRAYER, William, L.; 1771 Helen Drive, Pittsburgh, PA 15216 (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).

(51)⁷ C10G 32/00, 45/02, 45/04

(11) WO 02/086022 (13) A1

(21) PCT/US02/10555

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 60/285,970 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR THE DESULPHURIZATION AND UPGRADING FUEL OILS

• PROCEDE DE DESULFURATION ET DE VALORISATION DU MAZOUT

(71, 72) SHARIVKER, Viktor [CA/CA]; 104 Waterford Drive, Ottawa, Ontario K2E 7V4 (CA). HONEYCUTT, Travis [US/US]; 3544 Mill Road, Gainesville, GA 30504 (US).

(74) WITTENBERG, Malcolm, B.; Dergosits & Noah LLP, Four Embarcadero Center, Suite 1450, San Francisco, CA 94111 (US).

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

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

(51)⁷ C10G 35/095, B01J 29/06

(11) WO 02/086023 (13) A1

(21) PCT/RU02/00088

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ru (26) ru

(30) 2001110589 19 Apr/avr 2001 RU (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PROCESSING OIL DISTILLATE

• PROCEDE DE TRANSFORMATION DES DISTILLATS DE PETROLE

(71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSIISKOI AKADEMII NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

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(72, 75) ECHEVSKY, Genady Viktorovich [RU/RU]; ul. Ivanova, 27-199, Novosibirsk, 630117 (RU). KLIMOV, Oleg Vladimirovich [RU/RU]; ul. Geroev Truda, 13-25, Novosibirsk, 630055 (RU). KHTYANIN, Oleg Vladimirovich [RU/RU]; ul. Shlyuzovaya, 2-109, Novosibirsk, 630058 (RU). KODENEV, Evgeny Gennadyevich [RU/RU]; ul. Geroev Truda, 27b-28, Novosibirsk, 630055 (RU). KILDYASHEV, Sergei Petrovich [RU/RU]; ul. Morskoi prospekt, 64-23, Novosibirsk, 630090 (RU).

(74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSIISKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

(81) AE AZ CA CN DE GB ID IN JP KG KR KZ MX NO PL RU SD SE TM UA US ZA.

(84) EA (AM AZ BY KZ 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 C10G 47/00, 1/06, C10J 3/00, B01J 10/00

(11) WO 02/086024 (13) A1

(21) PCT/US02/12268

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,212 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEAVY OIL UPGRADE METHOD AND APPARATUS

• PROCEDE ET APPAREIL PERMETTANT D'AMELIORER UNE HUILE LOURDE

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(72) WEN, Michael, Y.; 1991 Winsor Terrace, Katy, TX 77450 (US). NELSON, Eric, D.; 5614 Summer Snow Drive, Houston, TX 77041 (US).

(74) KOCH, Stephen, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C10G 65/08

(11) WO 02/086025 (13) A1

(21) PCT/EP02/04417

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01400996.3 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS TO PREPARE A BASE OIL HAVING A HIGH SATURATES CONTENT

• PROCEDE POUR PRODUIRE UNE HUILE DE BASE PRESENTANT UNE TENEUR ELEVEE EN COMPOSES SATURES

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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(72, 75) COLLIN, Marc [FR/FR]; Route Départementale no. 3, F-76650 Petit Couronne (FR). DUPREY, Eric [FR/FR]; Route Départementale no. 3, F-76650 Petit Couronne (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086026 (13) A2

(21) PCT/JP02/03820

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 2001-121385 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-121387 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-195268 27 Jun/juin 2001 JP (27.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GASIFICATION APPARATUS AND METHOD OF OPERATING THE SAME

• APPAREIL DE GAZEIFICATION ET PROCEDE DE FONCTIONNEMENT DU MEME

(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) **ISHIKAWA, Ryuichi** [JP/JP]; 30-508, Chitoseshincho, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0021 (JP). **GOKE, Chikao** [JP/JP]; 7-1, Kobayashisengen 1-chome, Inzai-shi, Chiba 270-1315 (JP). **HAYAKAWA, Junichi** [JP/JP]; 1-23-19, Gumisawa, Tot-suka-ku, Yokohama-shi, Kanagawa 245-0061 (JP). **HIROSE, Tetsuhisa** [JP/JP]; 7-9-6, Aoto, Katsushika-ku, Tokyo 125-0062 (JP). **NAKAJIMA, Takashi** [JP/JP]; 2-40-25, Izumi, Suginami-ku, Tokyo 168-0063 (JP). **ICHIHARA, Osamu** [JP/JP]; 2-616, 1950-21, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032 (JP). **NAKAMURA, Yuichi** [JP/JP]; 661-2, Kariyado, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0022 (JP).

(74) **KANDA, Fujihiko**; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

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

(11) WO 02/086027 (13) A2

(21) PCT/JP02/03904

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 2001-121386 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GASIFICATION AND SLAGGING COMBUSTION SYSTEM

• SYSTEME DE COMBUSTION PAR GAZEIFICATION ET SCORIFICATION

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

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(72, 75) **ISHIKAWA, Ryuichi** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **ENDO, Hidekazu** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 C10L

(11) WO 02/086028 (13) A2

(21) PCT/US02/12595

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,663 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GAS ENERGY CONVERSION APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE CONVERSION GAZ-ENERGIE

(71, 72) **TURCHETTA, John, M.** [US/US]; 76 Sundale Road, Cranston, RI 02921 (US).

(74) **MCLANE, Jodi-Ann** et al. / etc.; Salter & Michaelson, 321 South Main Street, Providence, RI 02903-7128 (US).

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

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

(u) for / pour US only / seulement

(51)⁷ C10L

(11) WO 02/086029 (13) A2

(21) PCT/US02/13121

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,083 24 Apr/avr 2001 US (24.04.2001)

(30) 60/340,185 24 Oct/oct 2001 US (24.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IN SITU RECOVERY FROM A RELATIVELY LOW PERMEABILITY FORMATION CONTAINING HEAVY HYDROCARBONS

• RECUPERATION IN SITU DANS UNE FORMATION A PERMEABILITE RELATIVEMENT BASSE CONTENANT DES HYDROCARBURES

(71) **SHELL OIL COMPANY** [US/US]; Christensen, Del, P.O. Box 2463, Houston, TX 77252-2463 (US).

(72) **VINEGAR, Harold, J.**; 5219 Yarwell, Houston, TX 77096 (US). **WELLINGTON, Scott, L.**; 5109 Aspen Street, Bellaire, TX 77401-4938 (US). **KARANIKAS, John, M.**; 4655 Wild Indigo Street, Apartment 302, Houston, TX 77027 (US). **MAHER, Kevin, A.**; 5106 Huisache Street, Bellaire, TX 77401 (US). **RYAN, Robert, C.**; 214 Cove Creek, Houston, TX 77042 (US). **SHAHIN, Gordon, T.**; 4801 Cedar Street, Bellaire, TX 77401 (US). **KEEDY, Charlie, R.**; 5118 Danebridge Drive, Houston, TX 77084 (US). **MADGAVKAR, Ajay, M.**; 3102 Bentgrass Drive, Katy, TX 77450 (US). **MENOTTI, James, L.**; 1810 Caroline, Dickinson, TX 77539 (US). **VAN HARDEVELD, Martijn**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **WARD, John, M.**; 2231 Royal Adelaide Drive, Katy, TX 77450 (US). **SUMNU-DINDORUK, Meliha, D.**; 13011 Fox Brush Lane, Houston, TX 77041 (US). **ROBERTS, Bruce**; 64 Hawkwood Hill NW, Calgary, Alberta T3G 3C6 (CA). **VEENSTRA, Peter**; 8507 Chipping Rock Drive, Sugar Land, TX 77479 (US). **WATKINS, Wade**; 17503 Bending Cypress road, Cypress, TX 77429 (US). **CRANE, Steve**; 2610 Spring Lake Drive, Richardson, TX 75082 (US). **DE ROUFFIGNAC, Eric**; 4040 Ruskin, Houston, TX 77005 (US). **STEGEMEIER, George, L.**; 5819 Queensloch Drive, Houston, TX 77096 (US). **BERCHENKO, Ilya, E.**; 2102 Pine Drive, Friendswood, TX 77546 (US). **ZHANG, Etuan**; 5425 Loch Lomond Drive, Houston, TX 77096 (US). **FOWLER, Thomas, D.**; 634 Aldersgate Court, Katy, TX 77450 (US). **COLES, John, M.**; 703 Park Meadow Drive, Katy, TX 77450 (US). **SCHOELING, Lanny**; 2006 Emerald Loft Circle Drive, Katy, TX 77450 (US). **CARL, Fred, G.**; 8406 Edgemoor Drive, Houston, TX 77036 (US). **HUNSUCKER, Bruce, G.**; 5149 Mockingbird Lane, Katy, TX 77493 (US). **BAXLEY, Philip, T.**; 107 McTighe Drive, Bellaire, TX 77401 (US). **BIELAMOWICZ, Lawrence, J.**; 5223 Chestnut, Bellaire, TX 77401 (US). **MESSIER, Margaret**; 1404 4A Street NW, Calgary, Alberta T2M 3B1 (CA). **PRATT, Kip**; Box 4, Site 7, RR-1, Cochrane, Alberta T4C 1A1 (CA). **LEPPER, Bruce**; 115 Waterloo Drive S.W., Calgary, Alberta T3C 3G4 (CA). **BASS, Ronald**; 3772 Ingold Street, Houston, TX 77005 (US). **MIKUS, Tom**; 906 Coachlight Drive, Houston, TX 77077-1108 (US). **GLANDT, Carlos**; Insulindeweg 27, NL-2612 EL Delft (NL).

(74) **MEYERTONS, Eric B.**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/12, G01N 33/26

(11) WO 02/086030 (13) A1

(21) PCT/US02/12302

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,634 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELECTION OF MATERIALS TO TEST FOR AND/OR REMOVE DRAG REDUCER ADDITIVE IN LIQUID HYDROCARBON FUELS

- SELECTION DE MATIERES DESTINEES A DETECTER ET/OU ELIMINER UN ADDITIF REDUCTEUR DE TRAINEE DANS DES COMBUSTIBLES HYDROCARBONES LIQUIDES

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, CA 78238-5166 (US).

(72) WAYNICK, John, Andrew; 6318 Jade Glen, San Antonio, TX 78249 (US).

(74) MORRIS, Paula, D.; Paula D. Morris & Associates, P.C., Suite 930, 2925 Briarpark Drive, Houston, TX 77042 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/18, 1/22, 3/00, F17D 1/16, 1/17, F15D 1/06, F17D 1/04, C09K 3/00

(11) WO 02/086031 (13) A1

(21) PCT/US02/06868

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 60/285,506 19 Apr/avr 2001 US
(19.04.2001)(30) 09/944,835 30 Aug/août 2001 US
(30.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRAG REDUCTION USING MALEATED FATTY ACIDS

- REDUCTION DE LA TRAINEE AU MOYEN D'ACIDES GRAS MALEATES

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) JOVANCICEVIC, Vladimir; 2231 Shadow Crest Drive, Richmond, TX 77469 (US). AHN, Young, Soo; 4410 Plantation Creek Drive, Missouri City, TX 77459-2910 (US).

(74) LITTLEFIELD, Stephen, A.; Division Intellectual Property Counsel, Baker Petrolite Division, Baker Hughes Incorporated, 12645

West Airport Boulevard, Sugar Land, TX 77478 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 5/34

(11) WO 02/086032 (13) A2

(21) PCT/US02/10571

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/837,144 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARTIFICIAL FIRELOG WITH CRACKLING ADDITIVES

- BUCHE ARTIFICIELLE CONTENANT DES ADDITIFS DE CREPITEMENT

(71) DURAFLAME, INC. [US/US]; P.O. Box 1230, Stockton, CA 95203 (US).

(72) SCOTT, Andrew; 3335 S.W. 66th Street, Portland, OR 97225 (US). BARFORD, Eric, D.; 6023 Carolina Circle, Stockton, CA 95219 (US). HOUCK, James, E.; 7494 S.W. 48th Avenue, Portland, OR 97219 (US).

(74) MOK, Louis, A. et al. / etc.; Koppel, Jacobs, Patrick & Heybl, Suite 107, 555 St. Charles Drive, Thousand Oaks, CA 91360 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C10L 9/08

(11) WO 02/086033 (13) A2

(21) PCT/US02/11031

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/839,112 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESSES AND SYSTEMS FOR USING BIOMINERAL BY-PRODUCTS AS A FUEL AND FOR NO_x REMOVAL AT COAL BURNING POWER PLANTS

- PROCEDES ET SYSTEMES POUR UTILISER DES SOUS-PRODUITS BIOMINERAUX EN TANT QUE COMBUSTIBLE ET POUR RETIRER DU NOX DANS DES CENTRALES AU CHARBON

(71) N-VIRO INTERNATIONAL CORP. [US/US]; 450 West Central Avenue, Suite 328, Toledo, OH 43606 (US).

(72) LOGAN, Terry, J.; 1814 Andover Road, Columbus, OH 43212 (US). O'NEIL, James, D.; 11021 Middleton Pike, Dunbridge, OH 43414 (US). FAULMAN, Ervin, Louis; 1323 Harvard Boulevard, Toledo, OH 43614 (US). NICHOLSON, Timothy, Joseph; 3755 Elmhurst Road, Toledo, OH 43613 (US).

(74) ALTMILLER, John, C. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 105/74, 135/10, C09K 5/00

(11) WO 02/086034 (13) A1

(21) PCT/US02/11822

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/285,109 20 Apr/avr 2001 US
(20.04.2001)(30) 10/077,606 15 Feb/fév 2002 US
(15.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SERVO VALVE EROSION INHIBITED AIRCRAFT HYDRAULIC FLUIDS

- FLUIDES HYDRAULIQUES POUR AVIONS EMPECHANT L'EROSION DES SERVO-VALVES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(72, 75) POIRIER, Marc-Andre [—/US]; 63 Versailles Blvd., Cherry Hill, NJ 08003 (US).

(74) ALLOCCA, Joseph, J. et al. / etc.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 135/10, 169/04

(11) WO 02/086035 (13) A1

(21) PCT/US02/12838

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/285,105 20 Apr/avr 2001 US (20.04.2001)

(30) 10/122,049 12 Apr/avr 2002 US (12.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUNCTIONAL FLUIDS WITH SERVO VALVE EROSION RESISTANCE

• FLUIDES FONCTIONNELS FAVORISANT LA RESISTANCE A L'EROSION DES SERVOVALVES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) POIRIER, Marc-Andre; 63 Versailles Blvd., Cherry Hill, NJ 08003 (US). ANTIKA, Shlomo; 15 Tuscan Road, Maplewood, NJ 07040 (US).

(74) BRUMLIK, Charles, J. et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 157/00, 157/04 // (C10M 157/00, 143:10, 145:14, 145:16) (C10M 157/04, 145:14, 145:16, 149:04, 149:06, 149:10), C10N 20:04, 40:08

(11) WO 02/086036 (13) A1

(21) PCT/US02/10906

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 60/285,377 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ALL-WEATHER TRACTOR HYDRAULIC FLUID USING A MIXTURE OF VISCOSITY MODIFIER TYPES TO MEET SHEAR-STABLE MULTIGRADE VISCOSITY REQUIREMENTS

• FLUIDE HYDRAULIQUE DE TRACTEUR TOUS TEMPS FAISANT APPEL A UN MELANGE DE TYPES DE

MODIFICATEUR DE VISCOSITE SATISFAISANT AUX EXIGENCES DE VISCOSITE MULTIGRADE ANTIVAPORISATION

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

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(72, 75) GAPINSKI, Richard, E. [US/US]; 7316 Hopkins Road, Mentor, OH 44060 (US).

(74) SHOLD, David, M. et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

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

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

(51)⁷ C10M 159/16, C07C 37/84, 213/10, 215/50, 39/06

(11) WO 02/086037 (13) A1

(21) PCT/EP02/04415

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 19 738.1 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PURIFYING LONG-CHAIN ALKYL PHENOLS AND THE MANNICH ADDUCTS THEREOF

• PROCEDE DE PURIFICATION D'ALKYLPHENOLS A LONGUE CHAINE ET PRODUITS D'ADDITION DE MANNICH DESDITS ALKYLPHENOLS

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) LANGE, Arno [DE/DE]; Oberes Gaistal 3b, 67098 Bad Dürkheim (DE). RATH, Hans, Peter [DE/DE]; Friedhofstrasse 7, 67269 Grünstadt (DE). WALTER, Marc [FR/DE]; Hans-Holbein-Strasse 5d, 67227 Frankenthal (DE).

(74) KINZEBACH, Werner et al. / etc.; Ludwigsplatz 4, 67059 Ludwigshafen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 // B21C 9/00, B21D 37/18, (C10M 169/04, 105:22, 107:02, 109:00, 125:10, 125:22, 125:24, 125:26, 137:12,

145:08, 145:10, 145:40, 149:14), C10N 10:04, 10:06, 10:14, 10:16, 20:06, 30:06, 40:20, 50:02, 80:00

(11) WO 02/086038 (13) A1

(21) PCT/JP02/03813

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-120808 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LUBRICATING AGENT FOR USE IN WORKING OF METAL MATERIAL, AND METHOD FOR TREATMENT THEREOF

• AGENT LUBRIFIANT DESTINE A ETRE UTILISE DANS LE TRAVAIL DE MATERIAUX METALLIQUES ET PROCEDE DE TRAITEMENT DESDITS MATERIAUX

(71) NIHON PARKERIZING CO., LTD. [JP/JP]; 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

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

(72, 75) YOSHIDA, Masayuki [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). IMAI, Yasuo [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). YAMAGUCHI, Hidehiro [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

(74) UDAKA, Katsuki; 1-14, Kanda-Sakumacho, Chiyoda-ku, Tokyo 101-0025 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 C11B 7/00

(11) WO 02/086039 (13) A1

(21) PCT/US02/08708

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/285,464 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEPARATION OF PLANT OIL TRIGLYCERIDE MIXTURES BY SOLID BED ADSORPTION

• SEPARATION DE MELANGES DE TRIGLYCERIDES D'HUILE VEGETALE PAR ADSORPTION A LIT FIXE

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; 1790 Building, Washington Street, Midland, MI 48674 (US).

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

(72, 75) **LYSENKO, Zenon** [CA/US]; 214 West Meadowbrook Drive, Midland, MI 48640 (US). **KATTI, Sanjeev, S.** [US/US]; 3001 Camberly Lane, Midland, MI 48640 (US). **STRINGFIELD, Richard** [US/US]; 5637 Bloomfield Drive, Midland, MI 48640 (US). **GREGORY, Thomas** [US/US]; 1913 Rapanos Drive, Midland, MI 48642 (US). **QUARDERER, George, J., Jr.** [US/US]; 4309 Moorland Drive, Midland, MI 48640 (US).

(74) **KIMBLE, Karen, L.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

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

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

(51)⁷ C11C 5/00

(11) WO 02/086040 (13) A1

(21) PCT/FR02/01347

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05493 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NOVEL PARAFFIN COMPOSITIONS AND USE THEREOF IN GLASS CASINGS OR OTHER CONTAINERS
• NOUVELLE COMPOSITION DE PARAFFINE ET SON UTILISATION DANS DES VERRINES OU AUTRES CONTENANTS

(71) **TOTAL RAFFINAGE DISTRIBUTION S.A.** [FR/FR]; Tour Total, 24, Cours Michelet, F-92800 Puteaux (FR).

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

(72, 75) **LECOUTURIER, Brigitte** [FR/FR]; 693, Rue des Deux Communes, F-76170 Melamare (FR). **ANDRE, Didier** [BE/FR]; 15, avenue César Franck, F-76290 Montvilliers (FR). **JOLIVET, Yannick** [FR/FR]; 15, rue Docteur le Nouène, F-76600 Le Havre (FR).

(74) **CABINET JOLLY**; 54, rue de Clichy, 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C11D 1/83, 3/20 // 1/22, 1/72, 1/722

(11) WO 02/086041 (13) A1

(21) PCT/GR02/00021

(22) 1 Apr/avr 2002 (01.04.2002)

(25) en (26) en

(30) 20010100208 19 Apr/avr 2001 GR (19.04.2001)

(30) 20020100121 4 Mar/mar 2002 GR (04.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GENERAL PURPOSE LIQUID CLEANING COMPOSITION AND METHOD FOR THE PREPARATION THEREOF

• COMPOSITION DE NETTOYAGE LIQUIDE POLYVALENTE ET SON PROCEDE DE PREPARATION

(71, 72) **CHRISTOS OF LAZAROS, Lataniotis** [GR/GR]; 1B Dekelias Str., GR-145 78 Ekali (GR).

(74) **PATINIOTIS, Emmanouel**; 36 Voukourestidu Str., GR-106 73 Athens (GR).

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

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

(11) WO 02/086042 (13) A2

(21) PCT/EP02/04419

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 01201492.4 24 Apr/avr 2001 EP (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DETERGENT COMPOSITION AND METHOD FOR PREPARING ALKALI METAL SILICATE GRANULES

• COMPOSITION DETERGENTE ET PROCEDE DE PREPARATION DE PASTILLES DE SILICATE DE METAL ALCALIN

(71, 72) **OSINGA, Theo, Jan** [NL/NL]; Bemelerweg 50, NL-6267 AN Cadier en Keer (NL).

(74) **DU PONT, J.**; Exter Polak & Charlous 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).

(51)⁷ C11D 9/18, 17/00, 3/12

(11) WO 02/086043 (13) A1

(21) PCT/EP02/03702

(22) 29 Mar/mar 2002 (29.03.2002)

(25) en (26) en

(30) 354/MUM/01 20 Apr/avr 2001 IN (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED DETERGENT BAR COMPOSITION

• COMPOSITION AMELIOREE DE DETERGENT EN PAIN

(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, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) **CHAKRABARTY, Debojit**; Hindustan Lever Ltd, Research Centre, Chakala, Andheri (East), 400 099 Mumbai (IN). **MHATRE, Subhash, Shivshankar**; Hindustan Lever Ltd, Research Centre, Chakala, Andheri (East), 400 099 Mumbai (IN). **PRA-MANIK, Amitava**; Hindustan Lever Ltd, Research Centre, Chakala, Andheri (East), 400 099 Mumbai (IN). **RACHERLA, Uday, Shanker**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) **MULDER, Cornelis, Willem, Reinier et al.** / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 11/00, 3/00, 17/00

(11) WO 02/086044 (13) A1

(21) PCT/EP02/04127

(22) 13 Apr/avr 2002 (13.04.2002)

(25) de (26) de

(30) 101 20 176.1 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLEAR FABRIC CONDITIONER
• ADOUCISSANT TRANSPARENT

(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) SUNDER, Matthias [DE/DE]; Sophienstr. 2, 40597 Düsseldorf (DE). KREIENBAUM, Marcus [DE/DE]; Mozartstrasse 1, 47478 Mulheim a.d.R. (DE). HLOUCHA, Matthias [DE/DE]; Schönhauserstr. 65, 50968 Köln (DE). SCHEFFLER, Karl-Heinz [DE/DE]; Am Steinebrück 18, 40589 Düsseldorf (DE). SCHEIDGEN, Arndt [DE/DE]; Abteistrasse 12, 45239 Essen (DE). STRIEPLING, Gert-Lothar [DE/DE]; Am Dammsteg 62, 40591 Düsseldorf (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

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

(51)⁷ C11D 11/00, 3/00, 3/30, 3/02, 3/20, 1/66, H01L 21/306

(11) WO 02/086045 (13) A1

(21) PCT/US02/11739

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 09/839,475 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLEANING COMPOSITIONS
• COMPOSITIONS DE NETTOYAGE

(71) ESC, INC. [US/US]; 115 Research Drive, Bethlehem, PA 18015 (US).

(72) NAGHSHINEH, Shahriar; 3422 Sturbridge Place, Allentown, PA 18104 (US). HASHEMI, Yassaman; 1019 South Hillview Drive, Allentown, PA 18103 (US).

(74) SIMMONS, James, C. 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 17/00, 3/00

(11) WO 02/086046 (13) A2

(21) PCT/EP02/04128

(22) 13 Apr/avr 2002 (13.04.2002)

(25) de (26) de

(30) 101 19 923.6 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTI-PHASE CONDITIONING AGENT
• AGENT DE TRAITEMENT POLYPHASE

(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) HLOUCHA, Matthias [DE/DE]; Schönhauserstr. 65, 50968 Köln (DE). SCHEIDGEN, Arndt [DE/DE]; Abteistrasse 12, 45239 Essen (DE). SCHEFFLER, Karl-Heinz [DE/DE]; Am Steinebrück 18, 40589 Düsseldorf (DE). JESCHKE, Rainer [DE/DE]; Clausthal-Zellerfelder-Strasse 89, 40595 Düsseldorf (DE). GALKOWSKI, Andreas [DE/DE]; Am Massenberger Kamp 52, 40589 Düsseldorf (DE). DORN, Kerstin [DE/DE]; Düsseldorf Strasse 47, 42115 Wuppertal (DE). STRIEPLING, Gert-Lothar [DE/DE]; Am Dammsteg 62, 40591 Düsseldorf (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

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

(51)⁷ C11D 17/00, 1/14

(11) WO 02/086047 (13) A1

(21) PCT/EP02/04170

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 101 20 441.8 25 Apr/avr 2001 DE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DETERGENT SHAPED BODIES WITH VISCOELASTIC PHASE
• ELEMENTS MOULES DE PRODUITS DE LAVAGE A PHASE VISCOELASTIQUE

(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) LEGEL, Dieter [DE/DE]; Andersenstrasse 7, 42719 Solingen (DE). BURG, Birgit [DE/DE]; Dorfstrasse 88, 46519 Alpen (DE). BLASEY, Gerhard [DE/DE]; Fürstenberger Strasse 21, 40559 Düsseldorf (DE). SCHRECK, Berthold [DE/DE]; Mauerstrasse 26, 40476 Düsseldorf (DE). SCHMIEDEL, Peter [DE/DE]; Graudenzer Strasse 27, 40599 Düsseldorf (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

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

(51)⁷ C11D 17/00, 1/62, 3/37, 1/90, 3/20, 3/32, 1/72, 1/835

(11) WO 02/086048 (13) A1

(21) PCT/GB02/00217

(22) 18 Jan/jan 2002 (18.01.2002)

(25) en (26) en

(30) 0109763.3 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EFFERVESCENT CLEANING TABLETS
• PASTILLES EFFERVESCENTES DE NETTOYAGE

(71) RECKITT BENCKISER INC [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).
(for all designated States except / pour tous les États désignés sauf US)

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

(72, 75) BURT, Diane, Joyce [US/US]; 4 Dutchman Drive, New Windsor, NY 12553 (US). LESICA, Jeanne, Marie [US/US]; 343-9 Park Avenue, Apt. 5C, Nutley, NJ 07110 (US). ROSENSTENGEL, Michael [DE/DE]; Berghausen, St.-Bernhardus-Strasse 2, 67354 Römerberg (DE).

(74) MCKNIGHT, John, Crawford 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 17/04

(11) WO 02/086049 (13) A1

(21) PCT/US02/12728

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,794 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AQUEOUS FABRIC CARE COMPOSITIONS FOR EFFECTIVE USE AWAY FROM THE HOME AND ACCESSORIES FOR USE THEREWITH
• COMPOSITION AQUEUSE DESTINEE A L'ENTRETIEN EFFICACE DES TISSUS HORS DE CHEZ SOI ET ACCESSOIRES DESTINES A CETTE COMPOSITION

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **FRANKENBACH, Gayle, Marie**; 10010 Voyager Lane, Cincinnati, OH 45252 (US). **TRINH, Toan**; 8671 Creekwood Lane, Maineville, OH 45039 (US). **LOTTS, Ray, Douglas**; 113 Lexington Court, Loveland, OH 45140 (US). **NAKAMURA, Yuko**; 1-10-101-3702, Koyochonaka, Higashinada-ku, Kobe, 658-0032 (JP). **KAMINSKI, Anneke, Margaret**; 2522 Ingleside Avenue, Cincinnati, OH 45206 (US). **YOUNG, Sarah, Marie**; 1101 Heathstone Drive, Cincinnati, OH 45231 (US). **DINNIWELL, Alan, Robert**; 5227 Wheatmore Court, Mason, OH 45040 (US). **FITZ, Ted, John**; 3652 Stonebridge Drive, Apartment B, Cincinnati, OH 45209 (US). **BOEHM, Elise, Marie**; 5426 Cherrybend Drive, Cincinnati, OH 45247 (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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ C12G

(11) **WO 02/086050** (13) A2

(21) PCT/DK02/00253

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) PA 2001 00635 **20 Apr/avr 2001 DK (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ION CHANNEL ARRAYS
• RESEAUX DE CANAUX IONIQUES

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENSEN, Bo, Skaaning** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **MADSEN, Lars, Siim** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **JENSEN, Jens, Bitsch** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **KJÆR, Katrine** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12G

(11) **WO 02/086051** (13) A2

(21) PCT/IB02/02298

(22) **24 Apr/avr 2002 (24.04.2002)**

(25) en (26) en

(30) 0110030.4 **24 Apr/avr 2001 GB (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NUCLEIC ACID ANALYSIS
• ANALYSE D'ACIDE NUCLEIQUE

(71) **ERASMUS UNIVERSITEIT ROTTERDAM** [NL/NL]; Faculty of Medicine, Dept. of Cell Biology and Genetics, P.O. Box 1738, NL-3000 DR Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSVELD, Frank** [NL/NL]; Erasmus Universiteit Rotterdam, Faculty of Medicine, Dept. of Cell Biology and Genetics, P.O. Box 1738, NL-3000 DR Rotterdam (NL).

(74) **MASCHIO, Antonio et al. / etc.**; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12G

(11) **WO 02/086052** (13) A2

(21) PCT/IB02/02445

(22) **15 Mar/mar 2002 (15.03.2002)**

(25) en (26) en

(30) 09/808,838 **15 Mar/mar 2001 US (15.03.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SURFACE LABELLED OBJECT AND METHOD THEREOF
• OBJET A SURFACE MARQUEE ET PROCEDE ASSOCIE

(71) **AMESBURY TRUST** [GB/GB]; Companies House, Tower Street, Ramsey, Isle of Man (GB). **DNATech Pty Ltd** [AU/AU]; 141 Robertson Street, Fortitude Valley, Queensland 4006 (AU).

(72) **BUTLAND, Charles, L.**; 7112 Trask Avenue, Playa del Rey, CA 90293 (US).

(74) **MUELLER, Jerry, K., Jr.**; Mueller and Smith, Mueller-Smith LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).

(81) AU BR CA CN ID IL IN JP KR MX NZ PH RU 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 C12M 1/00, A01G 33/00

(11) **WO 02/086053** (13) A1

(21) PCT/GB02/01800

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) 0109628.8 **19 Apr/avr 2001 GB (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVEMENTS RELATING TO BIOREACTORS
• AMELIORATIONS PORTANT SUR DES BIOREACTEURS

(71) **BIOPROCESS A/S** [DK/DK]; The North Sea Centre, Willemoesvej 2, DK-9850 Hirtshals (DK).

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

(72, 75) **NORSKER, Niels-Henrik** [DK/IS]; Hafnagata 28, 233 Hafnir (IS). **HARALDSSON, Heimir** [IS/IS]; Hlidarvegur 54, 200 Kopavogur (IS). **CLARKE, Royce** [GB/GB]; 16 Back Road, Dollar FK14 7EA (GB).

(74) **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

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

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

Published / Publiée : (c)

(51)⁷ C12M 1/22, 1/34, C12Q 1/02, 1/18, 1/24, G01N 21/00

(11) WO 02/086054 (13) A1

(21) PCT/US02/11080

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/841,029 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MAINTAINING TEST INTEGRITY WITHIN A MICROBIOLOGICAL TEST ARRAY

• PROCEDE POUR PRESERVER L'INTEGRITE DU TEST DANS UN TESTEUR MICROBIOLOGIQUE A RESEAUX MATRICIELS

(71) DADE MICROSCAN INC. [US/US]; 1584 Enterprise Boulevard, West Sacramento, CA 95691 (US).

(72) FARINA, Edward, Francis; 124 Bobcat Way, Oxford, PA 19363 (US). KAMINSKI, Edward, Stephen; 3419 Blue Ball Road, Elkton, MD 21910 (US). MAZZA, John, Charles; 305 Walker Way, Newark, DE 19711 (US). GEMMELL, Bruce, McLean; 112 Edgeroad Lane, Wilmington, DE 19803 (US). DUNFEE, William, David; 2 Highland Boulevard, Apartment B, New Castle, DE 19720 (US).

(74) TYMESON, Cynthia, G. et al. / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ C12M 1/34, C12Q 1/18, G01N 21/00, 21/03, 35/00, 35/02

(11) WO 02/086055 (13) A1

(21) PCT/US02/11083

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/841,392 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MINIMIZING OPTICAL INTERFERENCE DURING ANTIBIOTIC SUSCEPTIBILITY READINGS IN A MICROBIOLOGICAL ANALYZER

• PROCEDE POUR REDUIRE AU MINIMUM LES INTERFERENCES OPTIQUES LORS DE LECTURES DE SENSIBILITE AUX ANTIBIOTIQUES DANS UN ANALYSEUR MICROBIOLOGIQUE

(71) DADE MICROSCAN INC. [US/US]; 1584 Enterprise Boulevard, West Sacramento, CA 95691 (US).

(72) DUNFEE, William, David; 2 Highland Boulevard, Apartment B, New Castle, DE

19720 (US). GEMMELL, Bruce, McLean; 112 Edgeroad Lane, Wilmington, DE 19803 (US). KAMINSKI, Edward, Stephen; 3419 Blue Ball Road, Elkton, MD 21910 (US). MAZZA, John, Charles; 305 Walker Way, Newark, DE 19711 (US). FARINA, Edward, Francis; 124 Bobcat Way, Oxford, PA 19363 (US). KRUFKA, Frank, Stephen; 178 Long Lane, Kirkwood, PA 17536 (US).

(74) TYMESON, Cynthia, G. et al. / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ C12M 3/02

(11) WO 02/086056 (13) A1

(21) PCT/JP02/01592

(22) 22 Feb/fév 2002 (22.02.2002)

(25) ja (26) ja

(30) 2001-118757 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CELL AND STRUCTURE INCUBATOR
• INCUBATEUR POUR CELLULES ET STRUCTURES CULTIVEES

(71) TAKAGI INDUSTRIAL CO., LTD. [JP/JP]; 201, Nishikashiwarashinden, Fuji-shi, Shizuoka 417-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAGI, Takao [JP/JP]; c/o TAKAGI INDUSTRIAL CO., LTD., 201, Nishikashiwarashinden, Fuji-shi, Shizuoka 417-8505 (JP). WATANABE, Setsuo [JP/JP]; c/o TAKAGI INDUSTRIAL CO., LTD., 201, Nishikashiwarashinden, Fuji-shi, Shizuoka 417-8505 (JP).

(74) UNEMOTO, Shoichi; UNEMOTO PATENT OFFICE, 29-9, Amanuma 3-chome, Suginami-ku, Tokyo 167-0032 (JP).

(81) AU CA CH CN DE ES 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 : (a)

Declarations / Déclarations :

(s) for the following designations / pour les designations suivantes : AU CA CH CN DE ES GB KR SE EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

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

(51)⁷ C12N

(11) WO 02/086057 (13) A2

(21) PCT/BR02/00057

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PI 0107496-2 19 Apr/avr 2001 BR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR GENETIC TRANSFORMATION AND CO-TRANSFORMATION OF YEASTS

• PROCESSUS DE TRANSFORMATION GENETIQUE ET DE CO-TRANSFORMATION DE LEVURES

(71) CONSELHO NACIONAL DE DESENVOLVIMENTO CIENTÍFICO E TECNOLÓGICO - CNPQ [BR/BR]; Av. W3 Norte, SEP 507, Bl. B Ed. CNPq, CEP-Brasília, DF (BR).

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

(72, 75) SÁNCHEZ DE RUBIÓ, Ileana, Gabriela [BR/BR]; Av. Pavão, 700, apt° 91, Moema, CEP- São Paulo, SP (BR). VICENTE, Elisabete, José [—/BR]; Av. Prof. Lineu Prestes, 1374, ICBII, Butantã, CEP- São Paulo, SP (BR).

(74) PEREIRA LUNA-FILHO, Eury; Conselho Nacional de Desenvolvimento Científico e Tecnológico - CNPq, Av. W3 Norte, SEP 507, Bl. B Ed. CNPq, CEP-70740-901 Brasília, DF (BR).

(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 C12N

(11) WO 02/086058 (13) A2

(21) PCT/RU02/00177

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ru (26) ru

(30) 2001110759 24 Apr/avr 2001 RU (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PRODUCING CATALYTIC ANTIBODIES (VARIANTS), ANTIGENS FOR IMMUNISATION AND NUCLEOTIDE SEQUENCE

• PROCEDE DE FABRICATION D'ANTICORPS CATALYTIQUES (ET VARIANTES), ANTICORPS POUR IMMUNISATION ET SEQUENCE NUCLEOTIDIQUES

(71) ASGL - FARMATSEVTICHESKIE INNOVATSII, ZAKRYTOE AKTSIONERNOE OBSHESTVO [RU/RU]; pr. Bolshoi, 77-A, St.Petersburg, 197022 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GABIBOV, Alexandr Gabibovich [RU/RU]; Yauzsky b-r, 14-10, Moscow, 109028 (RU). KOLESNIKOV, Alexandr, Vladimirovich [RU/RU]; ul. Genarala Antonova, 4-402, Moscow, 117279 (RU). PONOMARENKO, Natalya Alexandrovna [RU/RU]; ul. Gubkina, 4-92, Moscow, 117333 (RU). ALEXANDROVNA, Elena Sergeevna [RU/RU]; ul. Fersmana, 3-70, Moscow, 117312 (RU). BOROBIEV, Ivan Ivanovich [RU/RU]; per. B. Devyatinsky, 3-22, Moscow, 119423 (RU). DEMIN, Alexandr Viktorovich [RU/RU]; ul. Tsentralnaya, 10-12, Chernogolovka, Noginsky raion, Moskovskaya obl., 142432 (RU).

(81) AU BG BY CA CN CZ EE HU IL JP KR NO PL 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 C12N
(11) WO 02/086059 (13) A2
(21) PCT/US02/11794
(22) 15 Apr/avr 2002 (15.04.2002)
(25) en (26) en
(30) 09/837,997 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • RECOMBINANT VACCINIA VIRAL VECTORS
• VECTEURS DU VIRUS DE LA VACCINE DE RECOMBINAISON
- (71) ARIZONA BOARD OF REGENTS [US/US]; P.O. Box 87511, Tempe, AZ 85287-3511 (US).
- (72) JABOBS, Bertram; 1004 S. Wilson Street, Tempe, AZ 85281 (US). LANGLAND, Jeffrey; 1927 E. Hampton, No. 232, Mesa, AZ 85204 (US). VYAYSRI, Sangeetha; 944 S. Terrace Road, No. 109, Tempe, AZ 85281 (US).
- (74) SORELL, Louis, S. et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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 C12N
(11) WO 02/086060 (13) A2
(21) PCT/US02/12085
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,103 20 Apr/avr 2001 US (20.04.2001)
(30) 10/029,656 21 Dec/déc 2001 US (21.12.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MOLECULAR SEQUENCE OF PIG ENDOGENOUS RETROVIRUS RECEPTORS AND METHODS OF USE
• SEQUENCE MOLECULAIRE DE RECEPTEURS DU RETROVIRUS ENDOGENE PORCIN ET METHODES D'UTILISATION
- (71) IMMERGE BIOTHERAPEUTICS, INC. [US/US]; Third Avenue, Building 75, Charlestown, MA 02129 (US).
- (72) PATIENCE, Clive; 689 Hale Street, Beverly, MA 01915 (US). ERICSSON, Thomas; 315 Newtonville, Newtonville, MA 02460 (US). OLDMIXON, Beth, A.; 47 Parkvale Avenue Apt.#1, Allston, MA 02134 (US).
- (74) GRANT, Alan, J. et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086061 (13) A2
(21) PCT/US02/12100
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 60/285,208 20 Apr/avr 2001 US (20.04.2001)
(30) 60/313,043 16 Aug/août 2001 US (16.08.2001)
(30) 60/317,791 7 Sep/sep 2001 US (07.09.2001)
(30) 60/323,976 21 Sep/sep 2001 US (21.09.2001)
(30) 60/327,689 5 Oct/oct 2001 US (05.10.2001)
(30) 60/332,908 13 Nov/nov 2001 US (13.11.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • VESICLE-ASSOCIATED PROTEINS
• PROTEINES ASSOCIEES A LA VESICULE
- (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) WARREN, Bridget, A. [US/US]; 2250 Homestead Court # 2, Los Altos, CA 94024 (US). THANGAVELU, Kavitha [IN/US]; 1950 Montecito Avenue #23, Mountain View, CA 94043 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). LEE, Soo, Yeun [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). TANG, Y. Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (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). EMERLING, Brooke, M. [US/US]; 1735 Woodland Avenue # 71, Palo Alto, CA 94303 (US). HE, Ann [CN/US]; 4601 Catalina Drive, San Jose, CA 95129 (US). YANG, Junming [CN/US]; 7125 Bark Lane, San Jose, CA 95129 (US). BECHA, Shanya, D. [US/US]; 21062 Gary Drive # 117, Castro Valley, CA 94546 (US). FORSYTHE, Ian, J. [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). GORVAD, Ann, E. [US/US]; 369 Marie Common, Livermore, CA 94550 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). DUGGAN, Brendan, M. [AU/US]; 243 Buena Vista Avenue # 306, Sunnyvale, CA 94086 (US). LI, Joana, X. [US/US]; 1264 Geneva Avenue, San Francisco, CA 94112 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). HAFALIA, April, J., A. [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086062 (13) A2
(21) PCT/US02/12159
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 60/284,797 18 Apr/avr 2001 US (18.04.2001)
(30) 09/922,226 2 Aug/août 2001 US (02.08.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHODS OF SCREENING FOR COMPOUNDS THAT MODULATE HORMONE RECEPTOR ACTIVITY
• PROCEDES DE CRIBLAGE DE COMPOSES MODULANT L'ACTIVITE DES RECEPTEURS D'HORMONES
- (71) ALLERGAN SALES, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).
- (72) ZHAO, Yi; 38 Ohio, Irvine, CA 92606 (US). THACHER, Scott, M.; 2692 Redlands Drive, Costa Mesa, CA 92627 (US). XIAO, Jia-Hao; 34 Sorenson, Irvine, CA 92602 (US). KUSARI, Jyotirmoy; 58 Whatman Court, Irvine, CA 92612 (US). CHANDRARATNA, 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).
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- (51)⁷ C12N
(11) WO 02/086063 (13) A2
(21) PCT/US02/12161
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 09/840,008 20 Apr/avr 2001 US (20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • XENOBIOTIC COMPOUND MODULATED EXPRESSION SYSTEMS AND USES THEREFOR
• SYSTEMES D'EXPRESSION MODULES PAR DES COMPOSES XENOBIOTIQUES ET LEURS UTILISATIONS
- (63) US 09/840,008 (CON)
20 Apr/avr 2001 (20.04.2001)
- (71) THE SALK INSTITUTE FOR BIOLOGICAL STUDIES [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EVANS, Ronald, M. [US/US]; 1471 Cottontail Lane, La Jolla, CA 92037 (US).
- (74) REITER, Stephen, E. 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).
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- (51)⁷ C12N
- (11) WO 02/086065 (13) A2
- (21) PCT/US02/12224
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,785 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INDUCTION OF APOPTOSIS BY CELLULAR STRESS
• INDUCTION DE L'APOPTOSE PAR STRESS CELLULAIRE
- (71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02215 (US). THE UNIVERSITY OF CHICAGO [US/US]; 5801 S. Ellis Avenue, Chicago, IL 60637 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUFFE, Donald, W. [US/US]; 179 Grove Street, Wellesley, MA 02482 (US). KADURAH-DAOUK, Rima [US/US]; 4 Ross Road, Belmont, MA 02478 (US). WEICHELBAUM, Ralph, R. [US/US]; 1909 Burling, Chicago, IL 60614 (US).
- (74) FRASER, Janis, K. et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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)
- (51)⁷ C12N
- (11) WO 02/086066 (13) A2
- (21) PCT/US02/12263
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/285,050 19 Apr/avr 2001 US (19.04.2001)
- (30) 10/125,001 18 Apr/avr 2002 US (18.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOVEL EXPANSIN POLYNUCLEOTIDES, RELATED POLYPEPTIDES AND METHODS OF USE
• NOUVEAUX POLYNUCLEOTIDES DE L'EXPANSINE, POLYPEPTIDES S'Y RAPPORTANT ET METHODES D'UTILISATION
- (71) PENN STATE RESEARCH FOUNDATION [US/US]; 113 Technology Center, 200 Innovation Blvd., University Park, PA 16802-7000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COSGROVE, Daniel, J. [US/US]; Department of Biology, The Pennsylvania State University, 208 Mueller Lab, University Park, PA 16802 (US). WU, Yajun [US/US]; Utah State University, Dept. of Plants, Soils and Biometeorology, 4820 Old Main Hill, Logan, UT 84322 (US).
- (74) NEBEL, Heidi, S.; McKee, Voorhees & Sease, P.L.C., 801 Grand Avenue, Suite 3200, Des Moines, IA 50309-2721 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086067 (13) A2
- (21) PCT/US02/12374
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,394 20 Apr/avr 2001 US (20.04.2001)
- (30) 60/345,953 26 Oct/oct 2001 US (26.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MYCOBACTERIAL SULFATION PATHWAY PROTEINS AND METHODS OF USE THEREOF
• PROTEINES MYCOBACTERIENNES A VOIE DE SULFATATION ET LEURS PROCÉDES D'UTILISATION

- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
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- (72, 75) **BERTOZZI, Carolyn** [US/US]; 1811 Thousand Oaks Boulevard, Berkeley, CA 94707 (US). **WILLIAMS, Spencer, J.** [AU/US]; 1916 Haste Street, Apt. C, Berkeley, CA 94704 (US). **MOUGOUS, Joseph** [US/US]; 5914 Central Avenue, Apt. 4, El Cerrito, CA 94530 (US).
- (74) **BORDEN, Paula, A.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, 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 02/086068** (13) A2
- (21) PCT/US02/12453
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,320 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/285,318 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS FOR PRODUCING RECOMBINANT CORONAVIRUS
• PROCEDES DE PRODUCTION DE CORONAVIRUS RECOMBINANT
- (71) **THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US).
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- (72, 75) **CURTIS, Kristopher, M.** [US/US]; 417 Landerwood Lane, Chapel Hill, NC 27514 (US). **YOUNT, Boyd** [US/US]; 1625 Smith Level Road, Chapel Hill, NC 27516 (US). **BARIC, Ralph, S.** [US/US]; 2600 Northstream Court, Haw River, NC 27258-9529 (US).
- (74) **MYERS BIGEL SIBLEY & SAJOVEC**; PO Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES
- FI FR GB GR IE IT LU MC NL PT 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 02/086069** (13) A2
- (21) PCT/US02/12464
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,207 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/287,114 **27 Apr/avr 2001** US
(27.04.2001)
- (30) 60/288,640 **3 May/mai 2001** US
(03.05.2001)
- (30) 60/290,516 **11 May/mai 2001** US
(11.05.2001)
- (30) 60/292,184 **18 May/mai 2001** US
(18.05.2001)
- (30) 60/343,553 **21 Dec/déc 2001** US
(21.12.2001)
- (30) 60/357,002 **13 Feb/fév 2002** US
(13.02.2002)
- (30) 60/358,279 **20 Feb/fév 2002** US
(20.02.2002)
- (30) 60/366,041 **19 Mar/mar 2002** US
(19.03.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SECRETED PROTEINS
• PROTEINES SECRÉTEES
- (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) **KLAMMER, Aaron, A.** [US/US]; 565 Ortega Avenue #1, Mountain View, CA 94040 (US). **HAFALIA, April, J., A.** [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). **DUGGAN, Brendan, M.** [AU/US]; 243 Buena Vista Avenue #306, Sunnyvale, CA 94086 (US). **WARREN, Bridget, A.** [US/US]; 2250 Homestead Court #2, Los Altos, CA 94024 (US). **EMERLING, Brooke, M.** [US/US]; 1735 Woodland Avenue #71, Palo Alto, CA 94303 (US). **TRIBOULEY, Catherine, M.** [FR/US]; 1121 Tennessee Street #5, San Francisco, CA 94107 (US). **ARVIZU, Chandra, S.** [US/US]; 1706 Morocco Drive, San Jose, CA 95125 (US). **HONCHELL, Cynthia, D.** [US/US]; 400 Laurel Street #203, San Carlos, CA 94070 (US). **NGUYEN, Danniell, B.** [US/US]; 1403 Ridgewood Drive, San Jose, CA 95118 (US). **KALLICK, Deborah, A.** [US/US]; 58 Linda Avenue, Atherton, CA 94027 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **AU-YOUNG, Janice, K.** [US/US]; 233 Golden Eagle Lane, Brisbane, CA 94005 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **LI, Joana, X.** [US/US]; 1264 Geneva Avenue, San Francisco, CA 94112 (US). **THANGAVELU, Kavitha** [IN/US]; 1950 Montecito Avenue #223, Mountain View, CA 94304 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (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). **YAO, Monique, G.** [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US). **WALIA, Narinder, K.** [US/US]; 890 Davis Street A #205, San Leandro, CA 94577 (US). **MASON, Patricia, M.** [US/US]; 360 Clarke Lane, Morgan Hill, CA 95037 (US). **LAL, Preeti, G.** [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **GRAUL, Richard, C.** [US/US]; 682-29th Avenue, San Francisco, CA 94121 (US). **REDDY, Roopa** [IN/US]; 1233 W. McKinley Drive #3, Sunnyvale, CA 94086 (US). **BECHA, Shanya, D.** [US/US]; 21062 Gary Drive # 117, Castro Valley, CA 94546 (US). **SAPPERSTEIN, Stephanie, K.** [US/US]; 3531 Highland Avenue, Redwood City, CA 94062 (US). **RICHARDSON, Thomas, W.** [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). **TRAN, Uyen, K.** [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polten Place Way, San Jose, CA 95121 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **AZIMZAI, Yalda** [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). **YAN, Lu** [CA/US]; 3885 Corrina Way, Palo Alto, CA 94303 (US). **XU, Yuming** [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (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 02/086070** (13) A2
- (21) PCT/US02/12492
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/284,534 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BINDING MOLECULES FOR FC-REGION POLYPEPTIDES
• MOLECULES DE LIAISON POUR LES POLYPEPTIDES DE ZONE FC
- (71) **DYAX CORP.** [US/US]; 300 Technology Square, 8th Floor, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RONDON, Isaac, Jesus** [US/US]; 90 St. Botolph Street, Apartment #3, Boston, MA 02116 (US). **WU, Qi-Long** [US/US]; 11 Makin Street, Brighton, MA 02135 (US). **LEY, Arthur, C.** [US/US]; 122 Adena Road, Newton, MA 02465 (US). **STOCHL, Mark** [US/US]; 121 Achilles Way, N. Attleboro, MA 02763 (US). **RANSOHOFF, Thomas,**

C. [US/US]; 74 Winter Street, Lexington, MA 02173 (US). **POTTER, M., Daniel** [US/US]; 176 High Street, Acton, MA 01720 (US).

(74) **ELMORE, Carolyn, S.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N

(11) **WO 02/086071** (13) A2

(21) PCT/US02/12497

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,343 **20 Apr/avr 2001** US (20.04.2001)

(30) 60/356,937 **14 Feb/fév 2002** US (14.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **CANCER-TESTIS ANTIGENS**

• ANTIGENES DU CANCER ET DES TESTICULES

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 605 Third Avenue, New York, NY 10158 (US).

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

(72, 75) **NAKAYAMA, Eiichi** [JP/JP]; Okayama University Medical School, Department of Immunology, 2-5-1, Shikata-cho, Okayama 700-8558 (JP). **ONO, Toshiro** [JP/JP]; Okayama University Medical School, Department of Immunology, 2-5-1, Shikata-cho, Okayama 700-8558 (JP). **OLD, Lloyd, J.** [US/US]; 33rd Floor, 605 Third Avenue, New York, NY 10158 (US).

(74) **VAN AMSTERDAM, John, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(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

(11) **WO 02/086072** (13) A2

(21) PCT/US02/12511

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,355 **20 Apr/avr 2001** US (20.04.2001)

(30) 10/125,258 **18 Apr/avr 2002** US (18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **ANIMICROBIAL POLYPEPTIDES AND THEIR USES**

• POLYPEPTIDES ANTIMICROBIENS ET LEURS UTILISATIONS

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

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(72, 75) **ALTIER, Daniel, J.** [US/US]; 465 Bel-Aire Drive, Waukegan, IA 50263 (US). **HERRMANN, Rafael** [IL/US]; 1803 Wyckwood Court, Wilmington, DE 19803 (US).

LU, Albert, L. [CA/US]; 14 Charles Point, Newark, DE 19702 (US). **McCUTCHEN, Billy, F.** [US/US]; 13420 Cedarwood Avenue, Clive, IA 50325 (US). **PRESNAIL, James, K.** [US/US]; 1722 Clay Creek Road, Avondale, PA 19311 (US). **WEAVER, Janine, L.** [US/US]; 100 Matthew Dr., Bear, DE 19701 (US). **WONG, James, F., H.** [US/US]; 6725 River Bend Drive, Johnston, IA 50131 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N

(11) **WO 02/086073** (13) A2

(21) PCT/US02/12559

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 60/285,654 **20 Apr/avr 2001** US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **GENERATION OF DIFFERENTIATED TISSUE FROM NUCLEAR TRANSFER EMBRYONIC STEM CELLS AND METHODS OF USE**

• GENERATION DE TISSU DIFFÉRENCIE A PARTIR DE CELLULES SOUCHES EMBRYONNAIRES GÉNÉRÉES PAR TRANSFERT NUCLEAIRE ET METHODES D'UTILISATION

(71) **MEMORIAL SLOAN-KETTERING CANCER CENTER** [US/US]; 1275 York

Avenue, New York, NY 10021 (US). **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, New York, NY 10021-6399 (US).

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(72, 75) **STUDER, Lorenz** [US/US]; 1365 York Avenue, 35D, New York, NY 10021 (US). **TABAR, Viviane** [—/US]; 1365 York Avenue, 35D, New York, NY 10021 (US). **MOMBAERTS, Peter** [—/US]; 504 East 63rd Street, 25-R, New York, NY 10021 (US). **WAKAYAMA, Teruhiko** [—/US]; c/o the Rockefeller University, 1230 York Avenue, New York, NY 10021 (US). **PERRY, Anthony** [—/US]; c/o The Rockefeller University, 1230 York Avenue, New York, NY 10021-6399 (US).

(74) **GREGG, Valeta, A.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086074** (13) A2

(21) PCT/US02/12607

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 60/285,167 **20 Apr/avr 2001** US (20.04.2001)

(30) 60/285,121 **20 Apr/avr 2001** US (20.04.2001)

(30) 09/861,014 **19 May/mai 2001** US (19.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • **COMPOSITIONS FOR DELIVERY OF COMPOUNDS TO CELLS AND METHODS OF USE**

• COMPOSITIONS PERMETTANT LA DELIVRANCE DE COMPOSES DANS DES CELLULES ET PROCEDES D'UTILISATION

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455 (US).

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(71, 72) **STEER, Clifford, J.** [US/US]; 1924 Pinehurst Avenue South, St. Paul, MN 55116 (US). **KREN, Betsy, T.** [US/US]; 810 29th Avenue South, Minneapolis, MN 55454 (US). **LINEHAN-STIEERS, Cheryle** [US/US]; 1893 Waterford Court, Chaska, MN 55318 (US). **MCIVOR, Scott, R.** [US/US]; 3745 Glenhurst Avenue South, St. Louis Park, MN 55416 (US). **HACKETT, Perry, B.** [US/US]; 4071 Virginia Avenue, Shoreview, MN 55128

- (US). **BELUR, Srilalitha** [US/US]; 1415 Hartford Avenue, St. Paul, MN 55116 (US).
- (74) **PROVENCE, David, L.**; Muecting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086075** (13) A2
- (21) PCT/US02/12635
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,030 **19 Apr/avr 2001** US
(19.04.2001)
- (30) 60/355,514 **6 Feb/fév 2002** US
(06.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND COMPOSITION FOR THE PRODUCTION OF ORTHOGONAL TRNA-AMINOACYL-TRNA SYNTHETASE PAIRS
- PROCEDES ET COMPOSITIONS PERMETTANT LA PRODUCTION DE PAIRES ORTHOGONALES DE SYNTHETASES TRNA ET DE SYNTHETASES AMINOACYL-TRNA
- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULTZ, Peter** [US/US]; 1650 La Jolla Ranch Road, La Jolla, CA 92037 (US). **WANG, Lei** [CN/US]; 8730 Costa Verde Blvd., # 2320, San Diego, CA 92122 (US). **ANDERSON, John, Christopher** [US/US]; 3922 8th Avenue, Apt. 11, San Diego, CA 92103 (US). **CHIN, Jason, W.** [GB/US]; 4249 Nobel Drive #23, San Diego, CA 92122 (US). **LIU, David, R.** [US/US]; 1 Fox Run Lane, Lexington, MA 02420 (US). **MAGLIERY, Thomas, J.** [US/US]; 333 Mill Rd., North Haven, CT 06473 (US). **MEGGERS, Eric, L.** [DE/US]; 1534 Pine Street, Apt. 2F, Philadelphia, PA 19102 (US). **MEHL, Ryan, Aaron** [US/US]; 3576 31st Street, San Diego, CA 92104 (US). **PASTR-NAK, Miro** [SK/US]; 11686 Carmel Creek Road, Apt. 107, San Diego, CA 92130 (US). **SANTORO, Stephen, William** [US/US]; 12668-63 Carmel Country Rd., San Diego, CA 92130 (US). **ZHANG, Zhiwen** [CN/US]; 7045 Charmant Drive, #33, San Diego, CA 92122 (US).
- (74) **QUINE, Jonathan, Alan** et al. / etc.; Quine Intellectual Property Law Group, P.C, P.O. Box 458, Alameda, CA 94501 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086076** (13) A2
- (21) PCT/US02/12636
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/284,962 **19 Apr/avr 2001** US
(19.04.2001)
- (30) 60/286,645 **26 Apr/avr 2001** US
(26.04.2001)
- (30) 60/346,986 **9 Jan/jan 2002** US
(09.01.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY
- POLYNUCLEOTIDES ET POLYPEPTIDES ASSOCIES AU CHEMIN NF-KB
- (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) **CARMAN, Julie** [US/US]; 14 Village Court, Lawrenceville, NJ 08648 (US). **FEDER, John** [US/US]; 277 Dutchtown-Zion Road, Belle Mead, NJ 08502 (US). **NADLER, Steven** [US/US]; 164 Neil Court, Princeton, NJ 08540 (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 02/086077** (13) A2
- (21) PCT/US02/12646
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 60/284,732 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CO-EXPRESSION OF ZEIN PROTEINS
- CO-EXPRESSION DE PROTEINES ZEINE
- (71) **NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION** [US/US]; MSC 3 Res, Box 30001, Las Cruces, NM 88003-8001 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEMP, John, D.** [US/US]; 6760 Raasaf Drive, Las Cruces, NM 88005 (US). **RANDALL, Jennifer, J.** [US/US]; 2281 Evening Star, Las Cruces, NM 88011 (US).
- (74) **SLUSHER, Stephen, A.**; Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (u) for / pour US only / seulement
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- (51)⁷ C12N
- (11) **WO 02/086078** (13) A2
- (21) PCT/US02/12655
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 60/285,745 **23 Apr/avr 2001** US
(23.04.2001)
- (30) 60/338,955 **10 Dec/déc 2001** US
(10.12.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNTHESIS AND EVALUATION OF NOVEL PHTHALIMIDE MIMICS AS ANTI-ANGIOGENIC AGENTS
- SYNTHÈSE ET EVALUATION DE NOUVELLES SUBSTANCES MIMÉTIQUES DE PHTHALIMIDE COMME AGENTS ANTIANGIOGENÈSE
- (71) **UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; Suite 1-110, 1224 West Main Street, Charlottesville, VA 22903 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Milton, L.** [US/US]; 614 Nettle Court, Charlottesville, VA 22903 (US).
- (74) **BREEN, John, P.**; University of Virginia Patent Foundation, Suite 1-110, 1224 West Main Street, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086079 (13) A2

(21) PCT/US02/12656

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,209 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • T1R3 A NOVEL TASTE RECEPTOR

- T1R3, NOUVEAU RECEPTEUR DU GOUT

(71) MOUNT SINAI SCHOOL OF MEDICINE [US/US]; Box 1675, One Gustave L. Levy Place, New York, NY 10029-6574 (US).

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(74) COSTIGAN, James, V.; Hedman & Costigan, P.C., 1185 Avenue of the Americas, New York, NY 10036 (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 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086080 (13) A2

(21) PCT/US02/12665

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,389 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SURFACTANT ENHANCED EMBRYO TRANSFER

- TRANSFERT D'EMBRYONS AMÉLIORÉ A L'AIDE D'UN SURFACTANT

(71, 72) GHANIMA, Maassarani [US/US]; 3941 Royal Viking Way, Las Vegas, NV 89121 (US). GEOFFREY, Sher [US/US]; 9304 Tournament Canyon Drive, Las Vegas, NV 89144 (US).

(74) RAMSARAN, Maharajh, Jr.; Bazerman & Drangel, P.C., Suite 820, 60 East 42nd Street, New York, NY 10165 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086081 (13) A2

(21) PCT/US02/12670

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,219 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND SYSTEMS FOR IDENTIFYING PROTEINS

- PROCÉDES ET SYSTÈMES PERMETTANT D'IDENTIFIER DES PROTÉINES

(71) CARNEGIE MELLON UNIVERSITY [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).

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

(72, 75) MINDEN, Jonathan [US/US]; 1406 Browning Road, Pittsburgh, PA 15206 (US). RAVI, Ramamoorthi [US/US]; 5308 Beelermont Place, Pittsburgh, PA 15213-1011 (US). KORETSKY, Alan [US/US]; 6212 Redwing Road, Bethesda, MD 20817 (US). HALLDORSSON, Bjarni [IS/US]; 895 Clopper Road, A3, gaitersburg, MD 20878 (US).

(74) OLIVER, Kevin, A.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086082 (13) A2

(21) PCT/US02/12689

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,407 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ISOLATION OF NEURAL STEM CELLS USING GANGLIOSIDES AND OTHER SURFACE MARKERS

- ISOLEMENT DES CELLULES NERVEUSES EMBRYONNAIRES AU MOYEN DE GANGLIOSIDES ET D'AUTRES MARQUEURS DE SURFACE

(71) CHILDREN'S HOSPITAL OF ORANGE COUNTY [US/US]; 455 South Main Street, Orange, CA 92868-3874 (US).

(72) KLASSEN, Henry; 535 La Loma Road, Pasadena, CA 91105 (US). SCHWARTZ, Michael; 9272 Meova Drive, Garden Grove, CA 92841 (US). YOUNG, Michael, J.; 431 Essex Avenue, Gloucester, MA 01930 (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 (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) WO 02/086083 (13) A2

(21) PCT/US02/12733

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,137 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF ENHANCING CELL RESPONSIVENESS

- PROCÉDES D'AMÉLIORATION DE LA CAPACITÉ DE RÉACTION DE CELLULES T

(63) US 60/285,137 (CON) 20 Apr/avr 2001 (20.04.2001)

(71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).

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(72, 75) CHEN, Lieping [US/US]; 2821 Char Lane, N.E., Rochester, MN 55906 (US). STROME, Scott, E. [US/US]; 428 Eagle Lane S.W., Rochester, MN 55902 (US).

(74) MACPHAIL, Stuart; Fish & Richardson P.C., 45 Rockefeller Plaza, Suite 2800, New York, NY 10111 (US).

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

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/086084 (13) A2
- (21) PCT/US02/12774
- (22) 4 Apr/avr 2002 (04.04.2002)
- (25) en (26) en
- (30) 09/825,682 4 Apr/avr 2001 US
(04.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SEQUENCE CHARACTERISTICS OF
BLADDER CANCER
- CHARACTERISTIQUES SEQUEN-
TIELLES D'UN CANCER DE LA VES-
SIE
- (63) US 09/825,682 (CON)
4 Apr/avr 2001 (04.04.2001)
- (71) QUARK BIOTECH, INC. [US/US]; 10265
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- (72, 75) FEINSTEIN, Elena [IL/IL]; Hahagana
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- (74) WHITE, John, P.; Cooper & Dunham LLP,
1185 Avenue of the Americas, New York, NY
10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/086085 (13) A2
- (21) PCT/US02/12801
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/285,683 24 Apr/avr 2001 US
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HUMAN TIMP-1 ANTIBODIES
- ANTICORPS TIMP-1 HUMAINS
- (71) BAYER CORPORATION [US/US];
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sried/Munchen (DE).
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- (72, 75) PAN, Clark [US/US]; 22362 Prince-
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Claudia [DE/DE]; Stockmannsmühle 127,
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bach (DE).
- (74) HEMMENDINGER, Lisa, M.; 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).
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- (51)⁷ C12N
- (11) WO 02/086086 (13) A2
- (21) PCT/US02/12849
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/286,783 25 Apr/avr 2001 US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS TO IDENTIFY AGENTS
THAT BIND THE FLAP-TIP HELIX OF
RNA POLYMERASE
- METHODES D'IDENTIFICATION
D'AGENTS SE LIANT A L'HELICE
A EXTREMITE EN SEQUENCE TRI-
PLEX ("FLAP-TIP HELIX") DE L'ARN
POLYMERASE
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- (74) VIKSNINS, Ann, S.; Schwegman, Lund-
berg, Woessner & Kluth, P.O. Box 2938,
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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 C12N
- (11) WO 02/086088 (13) A2
- (21) PCT/US02/13026
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/086087 (13) A2
- (21) PCT/US02/12887
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,408 20 Apr/avr 2001 US
(20.04.2001)
- (30) 60/285,424 20 Apr/avr 2001 US
(20.04.2001)
- (30) 60/286,482 25 Apr/avr 2001 US
(25.04.2001)
- (30) 09/895,834 29 Jun/juin 2001 US
(29.06.2001)
- (30) 60/341,050 22 Oct/oct 2001 US
(22.10.2001)
- (30) 60/341,105 22 Oct/oct 2001 US
(22.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CYTOKINE PROTEIN FAMILY
- FAMILLE PROTEIQUE DE CYTOKINE
- (71) ZYMOGENETICS, INC. [US/US]; 1201
Eastlake Avenue East, Seattle, WA 98102
(US).
- (72) SHEPPARD, Paul, O.; 13532 278th Drive
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- (74) SAWISLAK, Deborah, A.; ZymoGenetics,
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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 C12N
- (11) WO 02/086088 (13) A2
- (21) PCT/US02/13026
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en

- (30) 60/286,238 **24 Apr/avr 2001** US
(24.04.2001)
- (30) 60/314,746 **24 Aug/août 2001** US
(24.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • POLYMERASES WITH CHARGE-SWITCH ACTIVITY AND METHODS OF GENERATING SUCH POLYMERASES
• POLYMERASES A ACTIVITE DE COMMUTATION DE CHARGES ET METHODES PERMETTANT DE PRODUIRE LESDITES POLYMERASES
- (71) LI-COR, INC. [US/US]; Biotechnology Division, 4308 Progressive Avenue, Lincoln, NE 68504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILLIAMS, John, G., K. [US/US]; 6901 Pine Lake Ct., Lincoln, NE 68516 (US).
- (74) SNYDER, Joseph, R. 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C12N
- (11) WO 02/086089 (13) A2
- (21) PCT/US02/13138
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,896 **23 Apr/avr 2001** US
(23.04.2001)
- (30) 60/333,566 **27 Nov/nov 2001** US
(27.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THE 76A11 POLYPEPTIDE AND USES THEREOF
• POLYPEPTIDE 76A11 ET UTILISATIONS ASSOCIEES
- (63) US 60/285,896 (CIP)
23 Apr/avr 2001 (23.04.2001)
- (71) QUARK BIOTECH, INC. [US/US]; 10265 Carnegie Avenue, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAJUT, Ayelet [IL/IL]; 5 Avalon Street, 47204 Ramat Hasharon (IL). LEVINSON, Matat [IL/IL]; 10 HaShiryon Street, Nes Zionna (IL). SKALITER, Rami [IL/IL]; 117/11 Habanim, 74037 Nes Zionna (IL).
- (74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086091 (13) A2
- (21) PCT/US02/13142
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,697 **23 Apr/avr 2001** US
(23.04.2001)
- (30) 60/287,066 **27 Apr/avr 2001** US
(27.04.2001)
- (30) 60/295,890 **5 Jun/juin 2001** US
(05.06.2001)
- (30) 60/303,899 **9 Jul/juil 2001** US
(09.07.2001)
- (30) 60/316,362 **31 Aug/août 2001** US
(31.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IDENTIFICATION OF ESSENTIAL GENES OF ASPERGILLUS FUMIGATUS AND METHODS OF USE
• IDENTIFICATION DE GENES ESSENTIELS D'ASPERGILLUS FUMIGATUS, ET PROCÉDES D'UTILISATION
- (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) JIANG, Bo [CA/CA]; 5231 Globert Street, Montreal, Quebec H3W 2E6 (CA). TISHKOFF, Daniel [US/US]; 4444 West Point Loma Boulevard, No. 61, San Diego, CA 92107 (US). ZAMUDIO, Carlos [US/US]; 8724 Villa La Jolla Drive, No. 88, La Jolla, CA 92037 (US). EROSHKIN, Alexey, M. [RU/US]; 3803 Rucette San Raphael Drive, San Diego, CA 92130 (US). HU, Wenqi [CN/CA]; 1207 Hyman Drive, Dollard-des-Ormeaux, Quebec H9B 2K6 (CA). LEMIEUX, Sebastien, M. [CA/CA]; 2855 Centre, Apt. 209, Montreal, Quebec H3K 3C4 (CA).
- (74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 : (q2)
-
- (51)⁷ C12N
- (11) WO 02/086092 (13) A2
- (21) PCT/US02/13200
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,162 **24 Apr/avr 2001** US
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • N-METHYLTRANSFERASE
• N-METHYLTRANSFERASE
- (71) UNIVERSITY OF FLORIDA [US/US]; P.O. Box 115500, Gainesville, FL 32611-5500 (US).
- (72) RATHINASABAPATHI, Bala; 10532 N.W. 13th Avenue, Gainesville, FL 32606 (US).
- (74) KIM, Stanley, A.; Akerman, Senterfitt & Edison, P.A., Post Office Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 C12N

(11) WO 02/086093 (13) A2

(21) PCT/US02/13209

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,468 25 Apr/avr 2001 US (25.04.2001)

(30) 09/842,930 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF USING A HYALURONAN RECEPTOR

• PROCEDES D'UTILISATION D'UN RECEPTEUR DU HYALURONANE

(63) US 09/842,930 (CIP) 25 Apr/avr 2001 (25.04.2001)

(71, 72) WEIGEL, Paul, H. [US/US]; 817 Hollowdale, Edmond, OK 73003 (US). WEIGEL, Janet, A. [US/US]; 817 Hollowdale, Edmond, OK 73003 (US).

(74) PALMER, John et al. / etc.; Ladass & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086094 (13) A2

(21) PCT/US02/15033

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/285,910 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION

• GENES IMPLIQUES DANS LA PRODUCTION DE COMPOSE ISOPRENOIDE

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

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

(72, 75) BRAMUCCI, Michael, G. [US/US]; 532 Melmont Avenue, Folsom, PA 19033 (US). BRZOSTOWICZ, Patricia, C. [US/US]; 1417 Williamsburg Drive, West Chester, PA 19382 (US). CHENG, Qiong [CN/US]; 4 Collins Drive, Wilmington, DE 19803 (US). KOSTICHKA, Kristy, N. [US/US]; 111 Shrewsbury Drive, Wilmington, DE 19810 (US). NAGARAJAN, Vasantha [US/US]; 13 Dickinson Lane, Wilmington, DE 19807 (US). ROUVIERE, Pierre, E. [FR/US]; 737 Taunton Road, Wilmington, DE 19803 (US). TAO, Luan [CN/US]; 733 Naamans Road, Apartment 23F, Claymont, DE 19703 (US). THOMAS, Stuart, M. [US/US]; 1508 Wooddale Road, Wilmington, DE 19809 (US).

(74) FELTHAM, S., Neil; 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).

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)

(t) for all designations / pour toutes les désignations

(51)⁷ C12N

(11) WO 02/086095 (13) A2

(21) PCT/US02/15246

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,716 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRANSCRIPTION FACTOR NETWORK DISCOVERY METHODS

• METHODES PERMETTANT DE DECOUVRIR UN RESEAU DE FACTEURS DE TRANSCRIPTION

(71, 72) CHOU, Michael, F. [US/US]; 205 Third Avenue, Apt. 11N, New York, NY 10003 (US).

(74) SMITH, Catherine, R.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086096 (13) A2

(21) PCT/US02/01677

(22) 23 Jan/jan 2002 (23.01.2002)

(25) en (26) en

(30) 60/263,225 23 Jan/jan 2001 US (23.01.2001)

(30) 60/263,200 24 Jan/jan 2001 US (24.01.2001)

(30) 60/271,422 27 Feb/fév 2001 US (27.02.2001)

(30) 60/298,095 15 Jun/juin 2001 US (15.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS OF PRODUCING OR IDENTIFYING INTRABODIES IN EUKARYOTIC CELLS

• PROCEDES DE PRODUCTION OU D'IDENTIFICATION D'INTRACORPUS DANS DES CELLULES EUCARYOTES

(71) UNIVERSITY OF ROCHESTER MEDICAL CENTER [US/US]; Office of Technology Transfer, 601 Elmwood Avenue, Box 706, Rochester, NY 14642 (US).

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

(72, 75) ZAUDERER, Maurice [US/US]; 44 Woodland Road, Pittsford, NY 14534 (US). WEI, Chungwen [—/US]; 43 Old Forge Lane, Pittsford, NY 14534 (US). SMITH, Ernest, S. [US/US]; 112 Greenleaf Meadows, Rochester, NY 14612 (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 02/086097 (13) A2

(21) PCT/US02/03987

(22) 8 Feb/fév 2002 (08.02.2002)

(25) en (26) en

(30) 60/267,636 9 Feb/fév 2001 US (09.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR IDENTIFYING THE TARGET OF A COMPOUND WHICH INHIBITS CELLULAR PROLIFERATION

• PROCÉDES D'IDENTIFICATION DE LA CIBLE D'UN COMPOSE INHIBANT LA PROLIFÉRATION CELLULAIRE

(71) ELITRA PHARMACEUTICALS, INC. [US/US]; Suite A, 3510 Dunhill Street, San Diego, CA 92121 (US).

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

(72, 75) CARR, Grant, J. [GB/US]; 2210 Sonrisa Glen, Escondido, CA 92029 (US). XU, Howard, H. [US/US]; 14695 Penasquitos Drive, San Diego, CA 92129 (US). FOULKES, Gordon, J. [US/US]; 1220 Rancho Encinitas Drive, Encinitas, CA 92024 (US). ZAMUDIO, Carlos [US/US]; #88, 8724 Villa La Jolla Drive, La Jolla, CA 92037 (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). YAMAMOTO, Robert, T. [US/US]; 3725 Notre Dame Avenue, San Diego, CA 92122 (US). ROEMER, Terry [CA/CA]; 4935 Connaught Avenue, Montreal, Québec H4V 1X4 (CA). JIANG, Bo [CA/CA]; 5231 Globert Street, Montreal, Québec H3W 2E6 (CA). BOONE, Charles [CA/CA]; 254 Glenrose Avenue, Toronto, Ontario M4T 1K9 (CA). BUSSEY, Howard [CA/CA]; 325 Victoria Avenue, Westmount, Québec H3Z 2N1 (CA).

(74) HART, Daniel; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

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

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

(51)⁷ C12N

(11) WO 02/086098 (13) A2

(21) PCT/US02/06468

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 60/273,480 5 Mar/mar 2001 US (05.03.2001)

(30) 60/281,322 4 Apr/avr 2001 US (04.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A SI(LAC) OPERATOR-REPRESSOR SYSTEM

• SYSTEME OPERATEUR-REPRESSEUR SI(LAC)

(71) UNIVERSITY OF VIRGINIA PATENT FOUNDATION [US/US]; 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

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

(72, 75) SCRABLE, Heidi, Jean [US/US]; 110 Greenwood Road, Crozet, VA 22932 (US). CRONIN, Carolyn, Anne [US/US]; 120 Oakhurst Circle, Charlottesville, VA 22903 (US).

(74) BREEN, John, P.; University of Virginia Patent Foundation, Suite 1-110, 1224 West Main Street, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(11) WO 02/086099 (13) A2

(21) PCT/EP02/04464

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 20 061.7 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXOPOLYSACCHARIDE PRODUCTION

• PRODUCTION D'EXOPOLYSACCHARIDE

(71, 72) LUBITZ, Werner [AT/AT]; Schönborn-gasse 12/7, A-1080 Wien (AT).

(72, 75) DENNER, Ewald, B., M. [AT/AT]; Haidgasse 10/18, A-1020 Wien (AT).

(74) DEY, Michael 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 C12N 1/16

(11) WO 02/086100 (13) A2

(21) PCT/BE02/00063

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 01870088.0 24 Apr/avr 2001 EP (24.04.2001)

(30) 60/305,604 17 Jul/juil 2001 US (17.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXPRESSION OF CORE-GLYCOSYLATED HCV ENVELOPE PROTEINS IN YEAST

• EXPRESSION, DANS LA LEVURE, DE PROTEINES DE L'ENVELOPPE DU VIRUS DE L'HEPATITE C (VHC) A NUCLEO-GLYCOSYLATION

(71) INNOGENETICS N.V. [BE/BE]; Technologiepark 6, B-9052 Ghent (BE).

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

(72, 75) BOSMAN, Alfons [BE/BE]; Hulst 165, B-1745 Opwijk (BE). DEPLA, Erik [BE/BE]; Burgstraat 58, B-9070 Destelbergen (BE). DESCHAMPS, Geert [BE/BE]; Ganzeplas 31, B-9880 Aalter (BE). SABLON, Erwin [BE/BE]; Robbroeklaan 1a, B-1785 Merchtem (BE). SAMSON, Isabelle [BE/BE]; t'Ranke Riet 9, B-8501 Heule (BE). VAN BROEKHOVEN, Annie [BE/BE]; Mevr. Courtmansstraat 9, B-2600 Berchem (BE). HAELEWYN, Joost [BE/BE]; Iepenstraat 41, B-9000 Ghent (BE).

(74) INNOGENETICS N.V.; Industriepark Zwi-jnaarde 7, Box 4, B-9052 Ghent (BE).

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

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

Published / Publiée : (m)

- (51)⁷ C12N 1/16
- (11) WO 02/086101 (13) A2
- (21) PCT/BE02/00064
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 01870088.0 24 Apr/avr 2001 EP (24.04.2001)
- (30) 60/305,604 17 Jul/juil 2001 US (17.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CORE-GLYCOSYLATED HCV ENVELOPE PROTEINS
- PROTEINES D'ENVELOPPE VHC GLYCOSYLEES AU CENTRE
- (71) INNOGENETICS N.V. [BE/BE]; Intellectual Property Department, Technologiepark 6, B-9052 Ghent (BE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEPLA, Erik [BE/BE]; Burgstraat 58, B-9070 Destelbergen (BE). BOSMAN, Alfons [BE/BE]; Hulst 165, B-1745 Opwijk (BE). DESCHAMPS, Geert [BE/BE]; Ganzeplas 31, B-9880 Aalter (BE). SABLON, Erwin [BE/BE]; Robbroeklaan 1a, B-1785 Merchtem (BE). SUCKOW, Manfred [DE/DE]; Urdenbacher Dorfstr. 35, 40593 Düsseldorf (DE). SAMSON, Isabelle [BE/BE]; t'Ranke Riet 9, B-8501 Heule (BE). VERHEYDEN, Gert [BE/BE]; Dellestraat 45, B-3220 Holsbeek (BE).
- (74) INNOGENETICS N.V.; Intellectual Property Department, Industriepark Zwijnaarde 7, Box 4, B-9052 Ghent (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (m)
-
- (51)⁷ C12N 1/20, A61K 39/395, A61P 37/08, C07K 16/42
- (11) WO 02/086102 (13) A1
- (21) PCT/EP02/02326
- (22) 4 Mar/mar 2002 (04.03.2002)
- (25) en (26) en
- (30) 01105138.0 2 Mar/mar 2001 EP (02.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LACTIC ACID BACTERIA AS AGENTS FOR TREATING AND PREVENTING ALLERGY
- BACTERIES LACTIQUES UTILISEES COMME AGENTS DE TRAITEMENT ET DE PREVENTION DES ALLERGIES
- (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) STADLER, Beda, M. [CH/CH]; Bubenbergplatz 4, CH-3011 Bern (CH). VOGEL, Monique [CH/CH]; Heckenweg 8, CH-3007 Bern (CH). GERMOND, Jacques-Edouard [CH/CH]; Chemin des Cèdres 18, CH-1023 Crissier (CH). FRITSCHÉ, Rodolph [CH/CH]; Vers-Chez-Les-Blanc, CH-1000 Lausanne (CH).
- (74) STRAUS, Alexander; Becker, Kurig, Straus, Bavariastrasse 7, 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).
-
- (51)⁷ C12N 5/00, 5/08, 5/16
- (11) WO 02/086103 (13) A1
- (21) PCT/AU02/00491
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) PR 4514 20 Apr/avr 2001 AU (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD OF NUCLEAR TRANSFER
- PROCEDE DE TRANSFERT DE NOYAU
- (71) MONASH UNIVERSITY [AU/AU]; 246 Clayton Road, Clayton, Victoria 3168 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEWIS, Ian [AU/AU]; 152 Banks Street, Albert Park, Victoria 3206 (AU). VAJTA, Gabor [DK/DK]; Hobro Landevej 77, DK-8830 Tjele (DK). TECIRLIOGLU, Tayfur [TR/AU]; 3 Clitus Avenue, Burwood, Victoria 3125 (AU).
- (74) GRIFFITH HACK; Level 3, 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 5/06, A61K 38/00
- (11) WO 02/086104 (13) A1
- (21) PCT/CA02/00550
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,701 24 Apr/avr 2001 US (24.04.2001)
- (30) 60/328,110 11 Oct/oct 2001 US (11.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROGENITOR CELL POPULATIONS, EXPANSION THEREOF, AND GROWTH OF NON-HEMATOPOIETIC CELL TYPES AND TISSUES THEREFROM
- POPULATIONS DE CELLULES SOUCHES, LEUR EXPANSION, ET PRODUCTION DE TISSUS ET D'ESPECES DE CELLULES NON HEMATOPOIETIQUES A PARTIR DESDITES CELLULES SOUCHES
- (71, 72) BAKSH, Dolores [CA/CA]; 1080 Willowbank Trail, Mississauga, Ontario L4W 3H8 (CA). DAVIES, John, E. [GB/CA]; 285 Garden Avenue, Toronto, Ontario M6R 1J4 (CA). ZANDSTRA, Peter [CA/CA]; 373 Markham Street, Unit 3, Toronto, Ontario M6G 2K8 (CA).
- (74) GASTLE, James, E.; Gastle and Associates, P.O. Box 430, 1944 Douro 4th Line, Lakefield, Ontario K0L 2H0 (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 :
(u) for / pour US only / seulement
-
- (51)⁷ C12N 5/06
- (11) WO 02/086105 (13) A1
- (21) PCT/US02/12572
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,319 20 Apr/avr 2001 US (20.04.2001)
- (30) 60/288,716 4 May/mai 2001 US (04.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DELIVERY OF POLYNUCLEOTIDE AGENTS TO THE CENTRAL NERVOUS SYSTEM
- APPORT D'AGENTS POLYNUCLEOTIDES AU SYSTEME NERVEUX CENTRAL
- (71) CHIRON CORPORATION [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REINHARD, Christoph [US/US]; 4500 Horton Street, Building 4, Emeryville, CA 94608 (US). FREY, William, H., II [US/US];

4800 Centerville Road, Apt. 216, White Bear Lake, MN 55127 (US).

(74) **MORLEY, Kimberlin, L. et al. / etc.;** Chiron Corporation, Intellectual Property, P.O. Box 8097, Emeryville, CA 94622-8097 (US).

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

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

(51)⁷ C12N 5/08, 5/06, 5/02, A61K 35/30, A61P 25/00

(11) WO 02/086106 (13) A1

(21) PCT/DK02/00262

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,084 23 Apr/avr 2001 US (23.04.2001)

(30) 60/289,933 9 May/mai 2001 US (09.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND CULTURE MEDIUM FOR PRODUCING NEURAL CELLS EXPRESSING TYROSINE HYDROXYLASE

• METHODE ET MILIEU DE CULTURE SERVANT A PRODUIRE DES CELLULES NEURALES EXPRIMANT LA TYROSINE HYDROXYLASE

(71) NSGENE A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(72, 75) **MEIJER, Xia** [CN/SE]; Åsvägen 2, S-177 40 Järfälla (SE). **GRØNBORG, Mette** [DK/DK]; c/o NsGene A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **WAHLBERG, Lars** [SE/DK]; c/o NsGene A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **HALBERG, Kristian et al. / etc.;** NeuroSearch A/S, Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/08, 5/02, A61K 35/39, 35/48, C12Q 1/02, A61P 5/48

(11) WO 02/086107 (13) A2

(21) PCT/EP02/04362

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,531 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD FOR DIFFERENTIATING STEM CELLS INTO INSULIN-PRODUCING CELLS

• PROCEDE POUR DIFFERENCIER DES CELLULES EMBRYONNAIRES DANS DES CELLULES PRODUISANT DE L'INSULINE

(71) **DEVELOGEN AKTIENGESELLSCHAFT FÜR ENTWICKLUNGSBIOLOGISCHE FORSCHUNG** [DE/DE]; Rudolf-Wissell-Strasse 28, 37079 Göttingen (DE). **INSTITUT FÜR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG** [DE/DE]; Corrensstrasse 3, 06466 Gatersleben (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOBUS, Anna, M.** [DE/DE]; Liebigweg 7, 06466 Gatersleben (DE). **ST-ONGE, Luc** [CA/DE]; Rautenbreite 5, 37077 Göttingen (DE). **BLYSZCZUK, Przemyslaw** [PL/DE]; Corrensstrasse 4a, 06466 Gatersleben (DE). **HOFFMANN, Ursula** [DE/DE]; Schedener Weg 28, 37127 Jühnde (DE).

(74) **WEICKMANN, Franz, Albert et al. / etc.;** Weickmann & Weickmann, Postfach 86 08 20, 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 C12N 5/08

(11) WO 02/086108 (13) A1

(21) PCT/KR02/00718

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 2001/21064 19 Apr/avr 2001 KR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DIFFERENTIATING MESENCHYMAL STEM CELLS INTO NEURAL CELLS

• PROCEDE POUR DIFFERENCIER DES CELLULES SOUCHES MESENCHYMATEUSES DANS DES CELLULES NERVEUSES

(71) **LIFECORD INC.** [KR/KR]; 6th Fl., Shinmyung Bldg., #834-44, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KIM, Hyun Soo** [KR/KR]; Dongshin Apt. 313-1003, Youngtong-dong, Paldal-gu, 442-470 Suwon-si, Kyungki-do (KR).

(72, 75) **YOON, Hee Hoon** [KR/KR]; #408, Yigang-2-ri, Hajeom-myun, Ganghwa-gun, 417-873 Incheon (KR).

(74) **JANG, Seong Ku et al. / etc.;** 17th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).

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

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

(11) WO 02/086109 (13) A1

(21) PCT/US01/13273

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF INHIBITION OF HIV REPLICATION BY LEUKEMIA INHIBITORY FACTOR

• PROCEDE POUR INHIBER LA REPLICATION DU VIH PAR LE FACTEUR INHIBITEUR DE LA LEUCEMIE

(71, 72) **PATTERSON, Bruce, K.** [US/US]; 211 West St. Paul, Apt. 3, Chicago, IL 60614 (US).

(74) **VOGT, Keith, A.;** Niro, Scavone, Haller & Niro, Suite 4600, 181 W. Madison, 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 9/00

(11) WO 02/086110 (13) A2

(21) PCT/EP02/04379

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 432.3 20 Apr/avr 2001 DE
(20.04.2001)(30) 01117531.2 20 Jul/juil 2001 EP
(20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLAVONE SYNTHASE I ENZYMES
AND THE USE THEREOF
• ENZYMES DE FLAVONE SYNTHASE I
ET LEUR UTILISATION(71) TECHNISCHE UNIVERSITÄT
MÜNCHEN [DE/DE]; Arcisstr. 21, 80333
München (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MARTENS, Stefan [DE/DE]; Waldweg
14, 83386 Eching (DE). FORKMANN, Gert
[DE/DE]; In der Point 17, 84184 Tiefenbach
(DE).(74) VOSSIUS & PARTNER; Siebertstr. 4,
81675 München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 9/00

(11) WO 02/086111 (13) A2

(21) PCT/EP02/04536

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,766 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RECOMBINANT ALPHA-AMINO
ESTER HYDROLASES AND USES
THEREOF• ALPHA-AMINO ESTER HYDRO-
LASES DE RECOMBINAISON ET
UTILISATIONS ASSOCIÉES(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) LAAN, VAN DER, Jan, Metske
[NA/NA]; Leursebaan 364, NL-4839 Ap
Breda (NL). POLDERMAN-TIJMES,
Jolanda, Jannie [NL/NL]; James Baltwin-
straat 13, NL-9746 Ae Groningen (NL).
BAREND, Thomas, Reinier, Maxim
[NL/NL]; Nijenborgh 4, NL-9747 Ag Gronin-
gen (NL).(74) ELKENBRACHT, Johan, Christiaan et al.
/ etc.; DSM N.V., Patents & Trademarks, Of-
fice Delft (600-0240), P.O. Box 1, NL-2600
Ma Delft (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 9/00

(11) WO 02/086112 (13) A2

(21) PCT/EP02/04609

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 01110005.4 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NUCLEIC ACID MOLECULES EN-
CODING STARCH DEGRADING EN-
ZYMES• MOLECULES D'ACIDE NUCLEIQUE
CODANT DES ENZYMES DEGRA-
DANT L'AMIDON(71) MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WIS-
SENSCHAFTEN E.V. [DE/DE]; Berlin
(DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SCHEIDIG, Andreas [DE/DE];
Leostrasse 62, 50823 Köln (DE). KOSS-
MANN, Jens [DE/DE]; Baldersvej 23,
DK-4000 Roskilde (DE). FRÖHLICH,
Anja [DE/DE]; Nennhauser Damm 103b,
13591 Berlin (DE).(74) VOSSIUS & PARTNER; Sieberstrasse 4,
81675 Munich (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 9/00

(11) WO 02/086113 (13) A2

(21) PCT/GB02/01887

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0110044.5 24 Apr/avr 2001 GB
(24.04.2001)(30) 0110046.0 24 Apr/avr 2001 GB
(24.04.2001)(30) 0124594.3 12 Oct/oct 2001 GB
(12.10.2001)(30) 0124575.2 12 Oct/oct 2001 GB
(12.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENZYME AND SNP MARKER FOR
DISEASE• ENZYME ET MARQUEUR SNP POUR
LE DEPISTAGE D'UNE MALADIE(71) ISIS INNOVATIONS LTD [GB/GB]; Ewert
House, Ewert Place, Summertown, Oxford-
shire OX2 7BZ (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) COOKSON, William, Osmond,
Charles, Michael [GB/GB]; 67 Hilltop
Road, Oxford OX4 1PD (GB). MOFFAT,
Miriam, Fleur [GB/GB]; 30 Lapwing Close,
Langford Village, Bicester OX6 0XR (GB).
ALLEN, Maxine [GB/GB]; Oxagen Lim-
ited, 91 Milton Park, Abingdon, Oxfordshire
OX14 4RY (GB). LENCH, Nick [GB/GB];
Oxagen Limited, 91 Milton Park, Abingdon,
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BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 9/02, A21D 8/04, C12P 7/64, C12N
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • COMPOSITIONS AND METHODS TO CONTROL BLEEDING
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- (74) CONLIN, David, G.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
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- (71) KANSAI CHEMICAL ENGINEERING CO., LTD. [JP/JP]; 9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 (JP).
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- PROCEDE MATRICIEL A LIGATURE ORIENTEE DESTINE AU REARRANGEMENT NON ALEATOIRE DE POLYNUCLEOTIDES
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (72, 75) LEGRAIN, Pierre [FR/FR]; 5, rue Mizon, F-75015 Paris (FR). DAVIET, Laurent [FR/FR]; 11, rue du Chalet, F-75010 Paris (FR).
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A NOVEL HUMAN G-PROTEIN COUPLED RECIPTOR HGPRBMY11 EXPRESSED HIGHLY IN HEART AND VARIANTS THEREOF
- NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G HUMAINE, LE HGPRBMY 11, A EXPRESSION ELEVEE DANS LE COEUR ET SES VARIANTS
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Lawrenceville-Princeton Rd., Princeton, NJ 98543-4000 (US).
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- (72, 75) FEDER, John [US/US]; 277 Dutchtown Zion Road, Belle Mead, NJ 08502 (US). NELSON, Thomas, C. [US/US]; 12 Azalea Court, Lawrenceville, NJ 08648 (US). RAMANATHAN, Sandra [IN/US]; 41 Alison Avenue, Wallingford, CT 06492 (US). CACACE, Angela, M. [US/US]; 47 Silverbirch Lane, Clinton, CT 06413 (US). BARBER, Lauren, E. [US/US]; 561 Taylor Hill Rd., Griswold, CT 06413 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G HUMAINE, LE HGPRBMY 11, A EXPRESSION ELEVEE DANS LE COEUR ET SES VARIANTS
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (72, 75) FOX, Brian, A. [US/US]; 3925 Woodlawn Avenue North, Seattle, WA 98103 (US).
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 • POLYPEPTIDES DE CACAO ET LEUR UTILISATION POUR PRODUIRE UN AROME DE CACAO ET DE CHOCOLAT
- (71) SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
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- (72, 75) KOCCHAR, Sunil [IN/CH]; Chemin du Grammont 2, CH-1073 Savigny (CH). HANSEN, Carl, Erik [NO/CH]; Chemin du Bois-Murat 20, CH-1066 Epalinges (CH). JUILLERAT, Marcel, Alexandre [CH/CH]; Ch. Praz-Dom-Nicod 10, Vers-Chez-Les-Blancs, CH-1000 Lausanne 26 (CH).
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 (22) 15 Apr/avr 2002 (15.04.2002)
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 (30) 101 19 274.6 20 Apr/avr 2001 DE
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 • PROCEDE ENZYMATIQUE DE REDUCTION ENANTIOSELECTIVE DE COMPOSES CETONIQUES
- (71) JUELICH ENZYME PRODUCTS GMBH [DE/DE]; Rheingaustrasse 190-196, 65203 Wiesbaden (DE).
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- (72, 75) GUPTA, Antje [DE/DE]; Im Brückfeld 20, 65207 Wiesbaden (DE). BREESE, Klaus [DE/DE]; Stauffener Strasse 29, 79115 Freiburg (DE). BANGE, Gert [DE/DE]; Feuerbachstrasse 1, 06108 Halle (DE). NEUBAUER, Peter [DE/FI]; Variksenpolku 10, FIN-90800 Oulu (FI).
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 (30) 2001-118031 17 Apr/avr 2001 JP
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- (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) OKUBO, Akiko [JP/JP]; 31-17, Shiyo-acho 6-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). NAGAOKA, Tetsuya [JP/JP]; 891-4-202, Junna, Ikawadanicho, Nishi-ku, Kobe-shi, Hyogo 651-2124 (JP). YOKOTA, Shinichi [JP/JP]; 4-3-11, Takasagochook-ihamacho, Takasago-shi, Hyogo 676-0026 (JP). KONISHI, Eisaku [JP/JP]; 13-1-306, Nishihata 1-chome, Takasago-shi, Hyogo 676-0025 (JP). KAKUTANI, Tetsu [JP/JP]; 90-43, Shinobe, Befucho, Kakogawa-shi, Hyogo 675-0131 (JP).
- (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/60, 9/90, C07K 16/40, C12Q 1/68, A01K 67/027, C12N 5/10, C12Q 1/527, A61K 38/43
 (11) WO 02/086128 (13) A2
 (21) PCT/US02/02150
 (22) 29 Jan/jan 2002 (29.01.2002)
 (25) en (26) en
 (30) 09/784,316 16 Feb/fév 2001 US
 (16.02.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES THEREOF
 • PROTEINES ENZYMES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT POUR ELLES, 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). YE, Jane; 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#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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, H03K 3/015
 (11) WO 02/086129 (13) A1
 (21) PCT/DE02/01489
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) de (26) de

(30) 101 19 901.5 **23 Apr/avr 2001** DE
(**23.04.2001**)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CIRCUIT ARRANGEMENT FOR INJECTING NUCLEIC ACIDS AND OTHER BIOLOGICALLY ACTIVE MOLECULES INTO THE NUCLEUS OF HIGHER EUKARYONTIC CELLS USING ELECTRICAL CURRENT

• CONFIGURATION DE CIRCUIT POUR INTRODUIRE DES ACIDES NUCLEIQUES ET D'AUTRES MOLECULES BIOLOGIQUEMENT ACTIVES DANS LE NOYAU DE CELLULES EUKARYOTES SUPERIEURES A L'AIDE D'UN COURANT ELECTRIQUE

(71) AMAXA GMBH [DE/DE]; Nattermanallee 1, 50829 Köln (DE).

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

(72, 75) MÜLLER-HARTMANN, Herbert [DE/DE]; Klarastrasse 27, 50823 Köln (DE). RIEMEN, Gudula [DE/DE]; Pater-Kolbe-Weg 7, 40764 Langenfeld (DE). ROTHMANN, Kirsten [DE/DE]; Remigiussstrasse 34a, 50937 Köln (DE). THIEL, Corinna [DE/DE]; Gravenreuthstrasse 6, 50823 Köln (DE). ALTROGGE, Ludger [DE/DE]; Amsterdamer Str. 13, 50259 Pulheim (DE). WEIGEL, Meike [DE/DE]; Senistrasse 5, 51067 Köln (DE). CHRISTINE, Rainer [DE/DE]; Landgrafenstrasse 6, 50931 Köln (DE). LORBACH, Elke [DE/DE]; Eythstrasse 105, 51103 Köln (DE). HELFRICH, Juliana [DE/DE]; Höfestr. 27, 51103 Köln (DE). WESSENDORF, Heike [DE/DE]; Waisenhausgasse 48, 50676 Köln (DE). SIEBENKOTTEN, Gregor [DE/DE]; Wilhelm-Waldemeyer-Str.14, 50937 Köln (DE).

(74) REMUS, Alvaro; Grafenberger Allee 76, 40237 Düsseldorf (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/82

(11) WO 02/086130 (13) A2

(21) PCT/IB02/02043

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 01400593.8 **7 Mar/mar 2001** EP
(**07.03.2001**)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION OF GENETICALLY MODIFIED PLANTS WITH PUROINDOLINES

• PRODUCTION DE VEGETAUX A PUROINDOLINES GENETIQUEMENT MODIFIES

(71) BIOGEMMA [FR/FR]; 1, rue Edouard Colonne, F-75001 Paris (FR).

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

(72, 75) MARION, Didier [FR/FR]; 3, place Perros Guirec, F-44300 Nantes (FR). GAUTIER, Marie-Françoise [FR/FR]; 16, rue Cyrano de Bergerac, F-34090 Montpellier (FR). JOUDRIER, Philippe [FR/FR]; 60, rue J. Gamelin, F-34070 Montpellier (FR). MESSAGER, Arnaud [FR/FR]; 2, rue Dorat, F-63200 Riom (FR). BARSBY, Tina [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4-0GZ (GB). FREEMAN, Judy [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 0GZ (GB).

(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 ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 15/85, 15/10, G01N 33/50, 33/68, A01K 67/027

(11) WO 02/086131 (13) A1

(21) PCT/JP02/03537

(22) 9 Apr/avr 2002 (09.04.2002)

(25) ja (26) ja

(30) 2001-109445 **9 Apr/avr 2001** JP
(**09.04.2001**)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GENE EXPRESSION CONTROLLING UNIT AND UTILIZATION THEREOF
• UNITE DE REGULATION DE L'EXPRESSION GENETIQUE ET UTILISATION DE CETTE UNITE

(71) GENCOM CORPORATION [JP/JP]; 11, Minamiooya, Machida-shi, Tokyo 194-8511 (JP).

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

(72, 75) YAMAMOTO, Mutsuya [JP/JP]; c/o GENCOM CORPORATION, 914, Minamiooya, Machida-shi, Tokyo 194-8511 (JP). WATANABE, Dai [JP/JP]; 605, Rowaiyaru Muromachi, 753, Tatedaionji, Koromotana street Nijyoagaru, Nakagyo-ku, Kyoto-shi, Kyoto 604-0000 (JP). TERANISHI, Yutaka [JP/JP]; c/o MITSUBISHI KAGAKU INSTITUTE OF LIFESCIENCES, 11, Minamiooya, Machida-shi, Tokyo 194-8511 (JP). NAKANISHI, Shigetada [JP/JP]; 21-3, Kamitakanosagimachi, Sakyo-ku, Kyoto-shi, Kyoto 606-0042 (JP).

(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

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

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

(51)⁷ C12N 15/86

(11) WO 02/086132 (13) A2

(21) PCT/GB02/01830

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109781.5 **20 Apr/avr 2001** GB
(**20.04.2001**)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VECTOR SYSTEM

• SYSTEME DE VECTEURS

(71) OXFORD BIOMEDICA (UK) LIMITED [GB/GB]; Medawar Center, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB).

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

(72, 75) KINGSMAN, Susan, A. [GB/GB]; Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). MITROPHANOUS, Kyriacos [GB/GB]; c/o Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). ELLARD, Fiona, Margaret [GB/GB]; c/o Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB).

(74) MALLALIEU, Catherine, Louise et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 15/861, 5/06, C12P 21/00 // C07K 14/435

(11) WO 02/086133 (13) A1

(21) PCT/JP02/03836

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118559 **17 Apr/avr 2001** JP
(**17.04.2001**)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MEDIUM ADDITIVES AND MEDIA FOR CULTURING ANIMAL CELLS
• ADDITIFS DE MILIEU ET MILIEUX DE CULTURE DE CELLULES ANIMALES
- (71) SEIREN KABUSHIKI KAISHA [JP/JP]; 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SASAKI, Masahiro [JP/JP]; c/o Seiren Kabushiki Kaisha, 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP). YAMADA, Hideyuki [JP/JP]; c/o Seiren Kabushiki Kaisha, 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP). OSADA, Katsue [JP/JP]; c/o Seiren Kabushiki Kaisha, 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP). TERADA, Satoshi [JP/JP]; 1-18, Bunkyo 3-chome, Fukui-shi, Fukui 910-0017 (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) 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 15/87, A61K 48/00, 38/00, 47/00, G01N 33/50
- (11) WO 02/086134 (13) A2
- (21) PCT/DE02/01483
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) de (26) de
- (30) 101 20 000.5 23 Apr/avr 2001 DE (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BUFFER SOLUTION FOR ELECTROPORATION AND A METHOD COMPRISING THE USE OF THE SAME
• SOLUTION TAMPON DESTINEE A L'ELECTROPORATION ET PROCEDE UTILISANT CETTE SOLUTION
- (71) AMAXA GMBH [DE/DE]; Nattermannallee 1, 50829 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROTHMANN, Kirsten [DE/DE]; Remigiusstrasse 34a, 50937 Köln (DE). WESSENDORF, Heike [DE/DE]; Waisenhausgasse 48, D-50676 Köln (DE). HELFRICH, Juliana [DE/DE]; Höfestr. 27, 51103 Köln (DE). THIEL, Corinna [DE/DE]; Gravenreuthstrasse 6, 50823 Köln (DE). RIEMEN, Gudula [DE/DE]; Pater-Kolbe-Weg 7, 40764 Langenfeld (DE). BROSTERHUS, Helmut [DE/DE]; In der Rahrach 20, 57399 Kirchundern (DE). MÜLLER-HARTMANN, Herbert [DE/DE]; Klarastrasse 27, 50823 Köln (DE). WEIGEL, Meike [DE/DE]; Senstrasse 5, 51067 Köln (DE). LORBACH, Elke [DE/DE]; Eythstrasse 105, 51103 Köln (DE). NIX, Michael [DE/DE]; Redwitzstrasse 21, 50937 Köln (DE). SIEBENKOTTEN, Gregor [DE/DE]; Wilhelm-Waldeyerstrasse 14, 50937 Köln (DE).
- (74) REMUS, Alvaro; Grafenberger Allee 76, 40237 Düsseldorf (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086135 (13) A2
- (21) PCT/US02/12606
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/285,555 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • A PRODUCT REMOVAL PROCESS FOR USE IN A BIOFERMENTATION SYSTEM
• PROCEDE DE PRELEVEMENT DE PRODUIT UTILISABLE DANS UN SYSTEME DE FERMENTATION BIOLOGIQUE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILKINS, Antoinette, E. [US/US]; 816 Arbern Place, Newark, DE 19111 (US). LOWE, David, J. [US/US]; 7 Bellemead Court, Wilmington, DE 19810 (US).

(74) FLOYD, Linda, Axamethy; 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).

Published / Publiée : (m)

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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12P 1/02, C12N 1/14, A61K 38/48, 35/72, 35/78

- (11) WO 02/086136 (13) A1
- (21) PCT/NL02/00272
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 01201510.3 25 Apr/avr 2001 EP (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PROCESS FOR THE MANUFACTURE OF A FERMENTED HEALTH-PROMOTING PRODUCT
• PROCEDE POUR PRODUIRE UN PRODUIT FERMENTE DE PROMOTION DE LA SANTE

(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) KIERS, Jeroen, Lucas [NL/NL]; Cornelis de Wittlaan 478, NL-2582 CT Den Haag (NL). NOUT, Martinus, Johannes, Robertus [NL/NL]; Papenpad 14, NL-6705 AX Wageningen (NL). ROMBOUTS, Franciscus, Maria [NL/NL]; Polderstraat 6, NL-6666 LD Heteren (NL). KOOPS, Bart, Christian [NL/NL]; Gaasterland 22, NL-3524 CA Utrecht (NL). VAN LAERE, Katrien, Maria, Jozefa [NL/NL]; Kamperfoeliestraat 11, NL-6666 WS Heteren (NL). WISSING, Elmo [NL/NL]; Looijdijk 48, NL-3732 VG De Bilt (NL). HAGEMAN, Robert, Johan, Joseph [NL/NL]; Hamsterlaan 12, NL-6705 CT Wageningen (NL). VAN DER MEULEN, Jan [NL/NL]; De Sikkel 6, NL-8253 CS Dronten (NL).

(74) JORRITSMA, Ruurd; Nederlandsch Octroibureau, 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 C12P 13/00

- (11) WO 02/086137 (13) A2
- (21) PCT/EP02/03728

- (22) 4 Apr/avr 2002 (04.04.2002)
 (25) en (26) en
 (30) 101 17 816.6 10 Apr/avr 2001 DE (10.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • PROCESS FOR THE PRODUCTION OF L-AMINO ACIDS BY FERMENTATION USING CORYNEFORM BACTERIA
 • PROCEDE DE PRODUCTION DE L-AMINO-ACIDES PAR FERMEN-TATION A L'AIDE DE CORYNEFORM BACTERIA
 (71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
 (72) FARWICK, Mike; Gustav-Adolf-Strasse 11, 33615 Bielefeld (DE). BATHE, Brigitte; Twieten 1, 33154 Salzkotten (DE). HER-MANN, Thomas; Zirkonstrasse 8, 33739 Bielefeld (DE). MARX, Achim; Sperber Strasse 19, 33790 Halle (DE). PFEFFERLE, Walter; Jahnstrasse 33, 33790 Halle (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/16, C12N 1/20
 (11) WO 02/086139 (13) A1
 (21) PCT/US02/13211
 (22) 25 Apr/avr 2002 (25.04.2002)
 (25) en (26) en
 (30) 60/286,401 25 Apr/avr 2001 US (25.04.2001)
 (30) 60/290,139 10 May/mai 2001 US (10.05.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • ANTIBIOTIC AA 896 ANALOGS
 • ANTIBIOTIQUES A BASE D'ANA-LOGUES DE AA 896
 (71) AMERICAN CYANAMID COMPANY [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
 (72) YAMASHITA, Ayako; 52 Dwight Place #F, Englewood, NJ 07631 (US). NORTON, Emily, Boucher; 41B North Broadway, Nyack, NY 10960 (US).
 (74) MORAN, Daniel, B.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (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).
-
- (51)⁷ C12P 13/00, 7/04, C12N 9/06
 (11) WO 02/086138 (13) A2
 (21) PCT/EP02/03873
 (22) 8 Apr/avr 2002 (08.04.2002)
 (25) de (26) de
 (30) 101 17 730.5 9 Apr/avr 2001 DE (09.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • TRANSFORMATION OF (DI)AMINES IN THE PRESENCE OF A LYSINE OXI-DASE AND A REDUCING AGENT
 • TRANSFORMATION DE (DI)AMINES EN PRESENCE D'UNE LYSINE OXY-DASE ET D'UN AGENT DE REDUC-TION
 (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FRIEDRICH, Thomas [DE/DE]; Saalbaustr. 22, 64283 Darmstadt (DE). ZIMMERMANN, Norbert [DE/DE]; Im Oberen Grain 11, 67146 Deidesheim (DE). STÜRMER, Rainer [DE/DE]; Hauptstr. 153, 67127 Rödersheim-Gronau (DE).
 (74) ISENBRUCK, Günter et al. / etc.; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Is, enbruck, 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 UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 19/00
 (11) WO 02/086140 (13) A2
 (21) PCT/EP02/04358
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) de (26) de
 (30) 101 19 203.7 19 Apr/avr 2001 DE (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DOUBLE-STRAND NUCLEIC ACIDS WITH ONE OR TWO INDIVID-UAL STRAND 5' OVERHANGS, METHOD FOR PRODUCTION AND USE THEREOF
 • ACIDES NUCLEIQUES A DOUBLE BRIN DOTES D'UNE OU DEUX EX-TREMITES 5' EN SAILLIE A SIMPLE BRIN, PROCEDE DE PRODUCTION ET D'UTILISATION DESDITS ACIDES NUCLEIQUES
 (71) AMERICAN CYANAMID COMPANY [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
 (72) ABBANAT, Darren, Robert; 19 Chestnut Street, Cornwall, NY 12518 (US). BAILEY, Arthur, Emery; 15 Short Drive, Bethel, CT 06801 (US). BERNAN, Valerie, Sue; 350 Phillips Hill Road, New City, NY 10956 (US). GREENSTEIN, Michael; 45 Lorna Lane, Suffern, NY 10901 (US). LOTVIN, Jason, Arnold; 171 Country Club Drive, Unit 7, Union, NJ 07083 (US). RUPPEN, Mark, Edward; 6 Lea Court, Garnerville, NY 10953 (US). SUTHERLAND, Alan, Gordon; 4 Hallmark Drive, New City, NY 10956 (US). HE, Haiyin; 189 Howard Street, Washington Township, NJ 07675 (US).
 (74) MORAN, Daniel, B.; Wyeth, Patent Law Dept., Five Giralda Farms, Madison, NJ 07940 (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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- Published / Publiée : (c), (m)

(51)⁷ C12P 33/06, C07J 63/00, C07H 15/256

(11) WO 02/086142 (13) A1

(21) PCT/JP02/03612

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-117449 16 Apr/avr 2001 JP
(16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PRODUCING SOYASAP-
POGENOL B• PROCEDE DE PRODUCTION DE
SOYASAPOGENOL B(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) HAYASHI, Hiroaki [JP/JP]; c/o Gifu
Pharmaceutical University, 5-6-1, Mita-
hora-higashi, Gifu-shi, Gifu 502-8585 (JP).
INOUE, Kenichiro [JP/JP]; c/o Gifu Phar-
maceutical University, 5-6-1, Mitahora-hi-
gashi, Gifu-shi, Gifu 502-8585 (JP). TANI,
Masato [JP/JP]; c/o Pharmaceutical Re-
search Center, Meiji Seika Kaisha, Ltd., 760,
Morooka-cho, Kohoku-ku, Yokohama-shi,
Kanagawa 222-8567 (JP).(74) KUBOTA, Fujio et al. / etc.; E-1 Bldg., 3-12,
Nihonbashi 3-chome, Chuo-ku, Tokyo 103-
0027 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 35/02, C07D 501/18, C12P 35/06,
C07D 501/04, 501/36

(11) WO 02/086143 (13) A2

(21) PCT/EP02/04354

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 01201426.2 19 Apr/avr 2001 EP
(19.04.2001)(30) 01201699.4 9 May/mai 2001 EP
(09.05.2001)(30) 01201718.2 9 May/mai 2001 EP
(09.05.2001)(30) 2001/1024 30 Nov/nov 2001 IE
(30.11.2001)(30) 2001/1025 30 Nov/nov 2001 IE
(30.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A PROCESS FOR PREPARING
CEPHALOSPORIN DERIVATIVES• PROCEDE RELATIF A L'ELABORA-
TION DE DERIVES DE CEPHALOSPO-
RINE(71) BIOFERMA MURCIA, S.A. [ES/ES]; Pol.
Ind. "Las Salinas", Avenida de Europa, s/n,
E-30840 Alhama de Murcia (ES).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SANCHEZ-FERRER, Alvaro [ES/ES];
C/Veronicas, 15, E-30820 Alcantarilla, Mur-
cia (ES). LOPEZ-MAS, Jose Aniceto
[ES/ES]; C/Antonio Sansano Franco, N° 20
1 Derecha, E-03204 Elche, Alicante (ES).
GARCIA-CARMONA, Francisco [ES/ES];
C/Islands Medas n° 17, E-30500 La Alcaina
Molina de Segura, Murcia (ES).(74) DAVILA BAZ, Angel; Clarke, Modet & Co.,
C/Goya no. 11, E-28001 Madrid (ES).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086144 (13) A2

(21) PCT/US02/12331

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,528 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITIONS AND METHODS FOR
RECOMBINATIONAL CLONING OF
NUCLEIC ACID MOLECULES• COMPOSITIONS ET PROCEDES DES-
TINES AU CLONAGE RECOMBI-
NANT DE MOLECULES D'ACIDES
NUCLEIQUES(71) INVITROGEN CORPORATION
[US/US]; 1600 Faraday Avenue, Carls-
bad, CA 92008 (US).(72) BYRD, Devon, R., N.; 9511 Briar Glenn
Way, Montgomery Village, MD 20886 (US).
ESPOSITO, Dominic; 6352 Burnt Mountain
Path, Columbia, MD 21045 (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).

Published / Publiée : (q2)

(51)⁷ C12Q

(11) WO 02/086145 (13) A2

(21) PCT/US02/12600

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,264 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIOLOGICAL SAMPLE PROCESS-
ING METHODS AND COMPOSITIONS
THAT INCLUDE SURFACTANTS• PROCEDES DE TRAITEMENT
D'ECHANTILLONS BIOLOGIQUES
ET COMPOSITIONS COMPRENANT
DES AGENTS DE SURFACE(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; P.O. Box 33427, Saint Paul,
MN 55133-3427 (US).(72) PARTHASARATHY, Ranjani, V.; Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US). RAJAGOPAL, Raj; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
BEDINGHAM, William; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
DIRKSEN, Michael, D.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
LARSON, Christopher, J.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
MENON, Vinod, P.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).(74) GRAM, Christopher, D. et al. / etc.; Of-
fice of Intellectual Property Counsel, Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C12Q
 (11) WO 02/086146 (13) A2
 (21) PCT/US02/13377
 (22) 24 Apr/avr 2002 (24.04.2002)
 (25) en (26) en
 (30) 60/286,075 24 Apr/avr 2001 US (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SYNTHETIC NUCLEIC ACID MOLECULE FOR IMPARTING MULTIPLE TRAITS
 • MOLECULE D'ACIDE NUCLEIQUE SYNTHETIQUE PERMETTANT DE CONFERER DES CARACTERES MULTIPLES A DES PLANTES
 (71) CORNELL RESEARCH FOUNDATION INC. [US/US]; 20 Thornwood drive, Suite 105, Ithaca, NY 14850 (US).
 (72) GONSALVES, Dennis; 595 Castle Street, Geneva, NY 14456 (US). FERMIN-MUNOZ, Gustavo, Alberto; 10 N. Main Street, Geneva, NY 14456 (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 US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/00, G01N 21/00, 33/53, 33/543, 33/551, 27/26, 27/447
 (11) WO 02/086148 (13) A1
 (21) PCT/US02/12271
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 60/284,706 18 Apr/avr 2001 US (18.04.2001)
 (30) Not furnished / 17 Apr/avr 2002 US non communiqué (17.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • PARTICLE BASED ASSAY SYSTEM
 • SYSTEME D'ESSAI BASE SUR LES PARTICULES
 (63) US 60/284,706 (CIP) 18 Apr/avr 2001 (18.04.2001)
 US Not furnished / non communiqué (CIP) 17 Apr/avr 2002 (17.04.2002)
 (71) AMBRIGEN, LLC [US/US]; 800 Cummings Center, Suite 258X, Beverly, MA 01915 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SKINNER, Neil, G. [GB/US]; 259 Pond Street, Winchester, MA 01890 (US). FENTON, Paul, V. [US/US]; One Flint Street, Marblehead, MA 01945 (US). ADANIYA, George [US/US]; 7 Upson Road, Wellesley, MA 02482 (US).
 (74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glosky 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).
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- (51)⁷ C12Q
 (11) WO 02/086147 (13) A2
 (21) PCT/US02/08273
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 60/286,400 24 Apr/avr 2001 US (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SINGLE NUCLEOTIDE POLYMORPHISMS DIAGNOSTIC FOR SCHIZOPHRENIA
 • POLYMORPHISMES A NUCLEOTIDE UNIQUE DANS LE DIAGNOSTIC DE LA SCHIZOPHRENIE
 (71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WOOD, Linda, S. [US/US]; 10193 Fox Hollow, Portage, MI 49024 (US). SCHELLIN, Kathleen, A. [US/US]; 361 Jason Court, Portage, MI 49024 (US). TENG, Chi-Hse [—/US]; 1807 Holiday Lane, Portage, MI 49024 (US).
 (74) REHBERG, Edward, F.; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
-
- (51)⁷ C12Q 1/04, G01N 33/84, 33/00, 33/497, C12M 1/34
 (11) WO 02/086149 (13) A2
 (21) PCT/GB02/01853
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 0109572.8 19 Apr/avr 2001 GB (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DIAGNOSIS BY SENSING VOLATILE COMPONENTS
 • DIAGNOSTIC PAR DETECTION DE COMPOSANTS VOLATILS
 (71) CRANFIELD UNIVERSITY [GB/GB]; Silsoe, Milton Keynes, Bedfordshire MK45 4DT (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SAINI, Selwyan [GB/GB]; 16 Sandhill Close, Millbrook, Bedfordshire MK45 2JD (GB). BESSANT, Conrad [GB/GB]; 49 Aylesbury Road, Amphill, Milton Keynes, Bedfordshire MK45 2XB (GB). LIEDTKE, Christian [DE/DE]; Kantstrasse 13, 71229 Leonberg (DE). LEIFERKUS, Jan [RU/GB]; 15B Abberbury Road, Oxford OX4 4ET (GB).
 (74) STUART, Ian et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/34
 (11) WO 02/086150 (13) A2
 (21) PCT/FR02/01436
 (22) 25 Apr/avr 2002 (25.04.2002)
 (25) fr (26) fr
 (30) 01/05574 25 Apr/avr 2001 FR (25.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD FOR DETECTING THE TRANSFORMATION OF A SUBSTRATE BY MEASURING A PM CHANGE, THE PRODUCTS INVOLVED AND DETECTED BY SAID METHOD
 • METHODE DE DETECTION DE LA TRANSFORMATION D'UN SUBSTRAT PAR MESURE D'UN CHANGEMENT DE PM, LES PRODUITS MIS EN OEUVRE ET DETECTES SELON LADITE METHODE
 (71) PROTEUS [FR/FR]; Parc Georges Besse, 70, allée Graham Bell, F-30000 Nîmes (FR).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) REYMOND, Jean-Louis [CH/CH]; Jägerweg 19, CH-3014 Berne (CH). KLEIN, Gérard [FR/FR]; 1, rue Ernest Lefèvre, F-75020 Paris (FR). NGUYEN, Hong-Khanh [FR/FR]; 18, rue Bec de Lièvre, F-30000 Nîmes (FR).
-
- Published / Publiée : (c)

(74) BREESE, Pierre et al. / etc.; Breesse-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/42, G01N 21/78, 33/50

(11) WO 02/086151 (13) A1

(21) PCT/JP02/03758

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-118180 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF ASSAYING BIOLOGICAL COMPONENT

• METHODE D'ANALYSE DE CONSTITUANT BIOLOGIQUE

(71) INTERNATIONAL REAGENTS CORPORATION [JP/JP]; 3-2, Takatsukadai 4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).

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

(72, 75) UEDA, Yoko [JP/JP]; c/o Research & Development Center, International Reagents Corporation, 1-2, Murotani 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2241 (JP). YAMASHITA, Kazuaki [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 1/44, C12N 5/06, 9/16

(11) WO 02/086152 (13) A1

(21) PCT/EP02/04151

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 01401026.8 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NON-RECOMBINANT CELL LINES CAPABLE OF EXPRESSING PREDOMINANTLY CYCLIC NUCLEOTIDE PHOSPHODIESTERASE 4 (PDE4) SUBTYPE B AND THEIR USE FOR THE SCREENING OF PDE4 SUBTYPE-SPECIFIC MODULATORS

• LIGNEES CELLULAIRES NON RECOMBINANTES CAPABLES D'EXPRIMER ESSENTIELLEMENT LE SOUS-TYPE B DES PHOSPHODIESTERASES 4 (PDE4) DE NUCLEOTIDES CYCLIQUES, ET LEUR UTILISATION POUR LE CRIBLAGE DE MODULATEURS SPECIFIQUES DU SOUS-TYPE PDE4

(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) SZILAGYI, Corinne [FR/FR]; 47, avenue du Colonel Fabien, F-94400 Vitry-sur-Seine (FR). JACOB, Claire [FR/FR]; 37, rue Raymond Losserand, F-75014 Paris (FR).

(74) DUFRESNE, Guillaume et al. / etc.; Pfizer, Global Research and development, Fresnes Laboratories, 3-9, rue de la Loge, B.P. 100, F-94265 Fresnes 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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 C12Q 1/68

(11) WO 02/086153 (13) A1

(21) PCT/AU02/00510

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) PR 4608 24 Apr/avr 2001 AU (24.04.2001)

(30) PR 8704 7 Nov/nov 2001 AU (07.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DETERMINING RESISTANCE TO A SG(b)-LACTAM-CONTAINING ANTIBIOTIC BY COMPARING THE RATIO OF TWO SG(b)-LACTAMASE GENES

• DETERMINATION DE LA RESISTANCE AUX ANTIBIOTIQUES CONTENANT DU SG(B)-LACTAME PAR COMPARAISON DE DEUX GENES DE LA SG(B)-LACTAMASE

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(74) HUGHES, E, John, L et al. / etc.; DAVIES COLLISON CAVE, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086154 (13) A2

(21) PCT/CA02/00569

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,517 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR GENERATING LIBRARIES OF THERAPEUTIC BACTERIOPHAGES HAVING DESIRED SAFETY CHARACTERISTICS AND METHODS FOR LABELING AND MONITORING BACTERIOPHAGES

• PROCEDES PERMETTANT DE PRODUIRE DES BIBLIOTHEQUES DE BACTERIOPHAGES THERAPEUTIQUES POSSEDANT DES CARACTERISTIQUES DE SECURITE DESIREES ET PROCEDES DE MARQUAGE ET DE SURVEILLANCE DESDITS BACTERIOPHAGES

(71) BIOPHAGE, INC. [CA/CA]; 6100 Royalmount Avenue, Montréal, Québec H4P 2R2 (CA).

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

(72, 75) MANDEVILLE, Rosemonde [CA/CA]; 781 Thibault, Ste-Thérèse, Québec J7E 4B9 (CA). ALLAIN, Béatrice [CA/CA];

- 8434 St-Hubert, Montréal, Québec H2P 1Z5 (CA). MURTHY, Kishore [CA/CA]; 24 Linton, Dollard des Ormeaux, Québec H9B 1P3 (CA).
- (74) **ROBIC**; 55, St-Jacques, Montréal, Québec H2Y 3X2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 14/56, C12N 15/10, 15/85, 5/10, C07K 16/18
- (11) WO 02/086156 (13) A2
- (21) PCT/EP02/05229
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 01/05516 24 Apr/avr 2001 FR (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NEW POLYNUCLEOTIDES AND POLYPEPTIDES OF THE IFNSG(A)-17 GENE
- NOUVEAUX POLYNUCLEOTIDES ET NOUVEAUX POLYPEPTIDES DU GENE IFNSG(A)-17
- (71) **GENODYSSEE** [FR/FR]; Parc d'Affaires Technopolis, 3, avenue du Canada, Bat. Alpha, Boîte postale 810, Les Ulis, F-91974 Courtaboeuf (FR).
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- (72, 75) **ESCARY, Jean-Louis** [FR/FR]; 4, rue Moxouris, F-78510 Le Chesnay (FR).
- (74) **RINUY, SANTARELLI**; 14, avenue de la Grande-Armée, Boîte postale 237, F-75822 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086157 (13) A2
- (21) PCT/FR02/00118
- (22) 11 Jan/jan 2002 (11.01.2002)
- (25) fr (26) fr
- (30) 60/284,508 19 Apr/avr 2001 FR (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • USE OF SEMAPHORIN 3A FOR DIAGNOSING AND TREATING CANCER, ESPECIALLY PROSTATE CANCER
- UTILISATION DE LA SEMAPHORINE-3A POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER, NOTAMMENT DE LA PROSTATE
-
- (71) **UROGENE SOCIETE ANONYME** [FR/FR]; 4, rue Pierre Fontaine, F-91000 Evry (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LATIL, Alain** [FR/FR]; 2, parc de Diane, F-78350 Jouy en Josas (FR). **CUSSENOT, Olivier** [FR/FR]; 60, rue du Capitaine Ferber, F-75020 Paris (FR). **ALGARTE-GENIN, Michèle** [FR/FR]; 85, boulevard Pasteur, appartement F210, F-75015 Paris (FR).
- (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).
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- (51)⁷ C12Q 1/68
- (11) WO 02/086158 (13) A2
- (21) PCT/GB02/01875
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 0110036.1 24 Apr/avr 2001 GB (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS
- PROCEDES
- (71) **PIG IMPROVEMENT CO (UK) LTD** [GB/GB]; Fyfield Wick, Abingdon, Oxfordshire OX13 5NA (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Leif** [SE/SE]; Melica HB, Bergagatan 30, S-752 39 Uppsala (SE). **GIUFFRÀ, Elisabetta** [IT/IT]; Centro Ricerche Studi Agroalimentari FFTP-CERSA, LITA, Via Fratelli Cervi 93, I-20090 Segrate (IT). **PLASTOW, Graham** [GB/GB]; Pig Improvement Co (UK) Ltd, Fyfield Wick, Abingdon, Oxfordshire OX13 5NA (GB). **SOUTHWOOD, Olwen** [GB/GB]; Pig Improvement Co (UK) Ltd, Fyfield Wick, Abingdon, Oxfordshire OX13 5NA (GB).
- (74) **CHAPMAN, Paul, William et al.** / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086159 (13) A2
- (21) PCT/IB02/01287
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/840,717 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR GENOTYPING MICROSATELLITE DNA MARKERS
- PROCEDE DE GENOTYPAGE DE MARQUEURS D'ADN MICROSATELLITES
- (71) GALILEO GENOMICS [CA/CA]; 880 McCaffrey Street, St. Laurent, Quebec H4T 2C7 (CA).
- (72) BELOUCHI, Abdelmajid; Apartment 1, 4607 Hutchinson, Montreal, Quebec H2V 4A2 (CA). PAQUIN, Bruno; 289 Randill, Châteauguay, Quebec J6J 2P4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, C07D 237/22, 498/04, C07H 19/04, 19/24, 21/04
- (11) WO 02/086160 (13) A1
- (21) PCT/JP01/03322
- (22) 18 Apr/avr 2001 (18.04.2001)
- (25) ja (26) ja
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HYBRIDIZATION PROBES
- SONDÉS D'HYBRIDATION
- (71) MITSUBISHI RAYON CO., LTD. [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP). GENOX RESEARCH, INC. [JP/JP]; c/o Tsukuba Research Laboratories, Eisai Co., Ltd., 5-1-3, Tokodai, Tsukuba-shi, Ibaraki 300-2635 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OTSUKA, Masami [JP/JP]; 3-303, Kotou-Jyutaku, 1-4, Kotou, Kumamoto-shi, Kumamoto 862-0909 (JP). YAMAZAKI, Tetsurou [JP/JP]; 19-1, Showa-machi, Kumamoto-shi, Kumamoto 861-2108 (JP). GUNJI, Shigemichi [JP/JP]; 10-55-509, Yashio 5-chome, Shinagawa-ku, Tokyo 140-0003 (JP). YU, Fujio [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). KIKUCHI, Katsuaki [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). URAGAKI, Toshitaka [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) 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 C12Q 1/68, C12N 15/09, A61K 45/00, 48/00, G06F 17/30, 17/60, 19/00
- (11) WO 02/086161 (13) A1
- (21) PCT/JP02/03770
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) ja (26) ja
- (30) 2001-121641 19 Apr/avr 2001 JP (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF ESTIMATING DIPLOTYPE FROM GENOTYPE OF INDIVIDUAL
- PROCEDE PERMETTANT D'EVALUER LE DIPLOTYPE DU GENOTYPE D'UN INDIVIDU
- (71) HUBIT GENOMIX, INC. [JP/JP]; Joware Hanzoumon Bldg. 2F, 2-19, Hayabusa-cho, Chiyoda-ku, Tokyo 102-0092 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMATANI, Naoyuki [JP/JP]; 2-29-89, Nishi, Kunitachi-shi, Tokyo 186-0005 (JP). KITAMURA, Yutaka [JP/JP]; 7-5-21-702, Minamisuna, Koto-ku, Tokyo 136-0076 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086162 (13) A1
- (21) PCT/KR02/00746
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 2001/21752 23 Apr/avr 2001 KR (23.04.2001)
- (30) 2001/29729 29 May/mai 2001 KR (29.05.2001)
- (30) 2001/78010 11 Dec/déc 2001 KR (11.12.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOLECULAR DETECTION CHIP INCLUDING MOSFET, MOLECULAR DETECTION DEVICE EMPLOYING THE CHIP, AND MOLECULAR DETECTION METHOD USING THE DEVICE
- PUCE DE DETECTION MOLECULAIRE COMPRENANT UN TRANSISTOR MOSFET, DISPOSITIF DE DETECTION MOLECULAIRE UTILISANT LADITE PUCE ET PROCEDE DE DETECTION MOLECULAIRE FAISANT APPEL AUDIT DISPOSITIF
- (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) LIM, Geun-Bae [KR/KR]; 232-1205 Hwanggol Maoul Poonglim Apt., 1053-2 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). PARK, Chin-Sung [KR/KR]; 102-301 Dongsung Apt., 359 Gomae-ri, Kiheung-eub, Yongin-si, Gyeonggi-do 449-900 (KR). CHO, Yoon-Kyoung [KR/KR]; 203-1605 Hwanggol Maoul, Sinmyeong Apt., 1054-3, Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). KIM, Sun-Hee [KR/KR]; 102-301 Hwanggol Jugong Apt., 955-1 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (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).
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- Published / Publiée : (c)
- (51)⁷ C12Q 1/68
- (11) WO 02/086163 (13) A1
- (21) PCT/SE02/00788
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/284,925 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS FOR HIGH THROUGHPUT GENOME ANALYSIS USING RESTRICTION SITE TAGGED MICRORRAYS

- PROCEDES D'ANALYSE GENOMIQUE A HAUT RENDEMENT METTANT EN OEUVRE DES MICRORESEAUX ETIQUETES AU NIVEAU DE SITES DE RESTRICTION
- (71) **KAROLINSKA INNOVATIONS AB** [SE/SE]; S-171 77 Stockholm (SE).
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- (72, 75) **ZABAROVSKY, Eugene** [RU/SE]; Ävägen 7, S-194 44 Upplands Väsby (SE). **ERNBERG, Ingemar** [SE/SE]; Smultrongränd 18, S-182 45 Enebyberg (SE). **LI, Jingfeng** [CN/SE]; Emmylundsvägen 3, 346, S-171 72 Solna (SE). **PROTOPOPOV, Alexei** [RU/SE]; Professorslingan 41, 204, S-104 05 Stockholm (SE). **VORONTSOVA, Olga** [UA/SE]; Professorslingan 41, 202, S-104 05 Stockholm (SE). **WAHLESTEDT, Claes** [SE/SE]; Strandvägen 29, S-114 56 Stockholm (SE). **KASHUBA, Vladimir** [UA/SE]; Rinkebyvägen 87/201, S-163 74 Spanga (SE). **ZABAROVSKA, Veronika** [RU/SE]; Ävägen 7, SE-194 44 Upplands-Väsby (SE).
- (74) **DR LUDWIG BRANN PATENTBYRÅ AB**; Drottninggatan 7, Box 1344, S-751 43 Uppsala (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, G01N 33/00, 33/48, 31/00
- (11) **WO 02/086164** (13) A1
- (21) PCT/US01/15139
- (22) **10 May/mai 2001 (10.05.2001)**
- (25) en (26) en
- (30) 60/284,436 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS FOR IDENTIFYING THE EVOLUTIONARILY CONSERVED SEQUENCES
• PROCEDES D'IDENTIFICATION DE SEQUENCES CONSERVEES DE MANIERE EVOLUTIVE
- (71) **PERLEGEN SCIENCES, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
- (72) **FRAZER, Kelly, A.**; 1523 Tarrytown Street, San Mateo, CA 94402 (US). **PATIL,**
- Nilal**; 780 West California Way, Woodside, CA 94602 (US). **SHEEHAN, John**; 1524 Hollingsworth Drive, Mountain View, CA 94040 (US).
- (74) **WEAVER, Jeffrey K**; Beyer Weaver & Thomas, LLP, 2030 Addison Street, 7th floor, P.O. Box 778, Berkeley, CA 94704 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO 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 GQ GW ML MR NE SN TD TG).
- (51)⁷ C12Q 1/68, C12P 19/34, C07H 21/02, 19/04
- (11) **WO 02/086165** (13) A1
- (21) PCT/US02/10358
- (22) **1 Apr/avr 2002 (01.04.2002)**
- (25) en (26) en
- (30) 09/841,272 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOLOGICAL SAMPLE PROCESSING METHODS AND COMPOSITIONS THAT INCLUDE SURFACTANTS
• PROCEDES DE TRAITEMENT DE PRELEVEMENTS BIOLOGIQUES ET COMPOSITIONS RENFERMANT DES TENSIOACTIFS
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **PARTHASARATHY, Ranjani, V.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RAJOGOPAL, Raj**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BEDINGHAM, William**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **DIRKSEN, Michael, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LARSON, Chris, J.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **MENON, Vinod, P.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **GRAM, Christopher, 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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, C12N 9/00
- (11) **WO 02/086167** (13) A1
- (21) PCT/US02/12078
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,127 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS FOR NUCLEIC ACID MANIPULATION
- 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 C12Q 1/68, 19/34, C07H 21/02
- (11) **WO 02/086166** (13) A1
- (21) PCT/US02/12024
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 09/838,497 **19 Apr/avr 2001 US (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR ANALYZING NUCLEIC ACID REACTIONS
• PROCEDE D'ANALYSE DES REACTIONS D'ACIDE NUCLEIQUE
- (71) **WISCONSIN ALUMINI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53707-7365 (US).
- (72) **SCHWARTZ, David, C.**; 3110 Oxford Road, Madison, WI 53705 (US). **WU, Tian**; 202 Eagle Heights, Apt. E, Madison, WI 53707 (US).
- (74) **LEONE, Joseph, T. et al.** / etc.; DeWitt Ross & Stevens S.C., 8000 Excelsior Drive, Madison, WI 53717-1914 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- PROCEDE DE MANIPULATION D'ACIDES NUCLEIQUES
- (71) PENNSYLVANIA STATE UNIVERSITY [US/US]; 113 Technology Center, 200 Innovation Blvd., University Park, PA 16802-7000 (US).
- (72) BENKOVIC, Stephen, J.; 771 Teaberry Lane, State College, PA 16801 (US). SALINAS, Frank; 3 Wheaton Center, Apt. 513, Wheaton, IL 60187-4969 (US).
- (74) KRIKORIAN, Charles, R. et al. / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 S. 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, G01N 33/53, 33/566, 33/543
- (11) WO 02/086168 (13) A1
- (21) PCT/US02/12418
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/285,630 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOMOLECULE CHARACTERIZATION USING MASS SPECTROMETRY AND AFFINITY TAGS
- CHARACTERISATION DE BIOMOLECULE PAR SPECTROMETRIE DE MASSE ET A L'AIDE D'ETIQUETTES D'AFFINITE
- (71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOMAS, Lee, O. [CA/US]; 724 Bounty Drive, Apt. 2416, Foster City, CA 94404 (US).
- (74) MANN, Jeffrey, S. 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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- Published / Publiée : (c)
- (51)⁷ C12Q 1/68, C12P 19/34, C12N 15/63, A01N 61/00, 37/18, 47/40, A61K 38/16, C07H 21/04
- (11) WO 02/086170 (13) A1
- (21) PCT/US02/13185
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 09/843,159 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TANKYRASE H, COMPOSITIONS INVOLVED IN THE CELL CYCLE AND METHODS OF USE
- TANKYRASE H, COMPOSITIONS IMPLIQUEES DANS LE CYCLE CELLULAIRE ET METHODES D'UTILISATION
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (71) RIGEL PHARMACEUTICALS, INC. [US/US]; 240 East Grand Avenue, South San Francisco, CA 94080 (US).
- (72) LUO, Ying; 32 Chester Circle, Los Altos, CA 94022 (US). CHAN, Eva; 1163 Foster City Blvd. No.4, Foster City, CA 94404 (US). XU, Xiang; 185 Cymbidium Circle, South San Francisco, CA 94080 (US). HUANG, Betty; 771 Douglas Street, San Leandro, CA 94577 (US). OSSOVSKAYA, Valeria; 415 Napa Street, Sausalito, CA 94965, 94965 (US).
- (74) SILVA, Robin, M. et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 C21C 7/072, B22D 1/00
- (11) WO 02/086171 (13) A1
- (21) PCT/RU02/00180
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) ru (26) ru
- (30) 2001110779 24 Apr/avr 2001 RU (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR AGITATING STEEL IN A LADLE
- PROCEDE POUR AGITER L'ACIER DANS UNE POCHE DE COULEE
- (71) TEKHKOM IMPORT EKSPORT GmbH [DE/DE]; Pommernstrasse 13, D-004 Mjunken 80809 (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHUMAKHER, Evald, A. [DE/DE]; Prommernstrasse 13a, D-80809, Munchen (DE). KHLOPONIN, Viktor Nikolae-vich [RU/RU]; pr. Leninsky, 44-120, Moscow, 117334 (RU). SHUMAKHER, Edgar, E. [DE/DE]; Pommernstrasse 13, D-80809 Munchen (DE). ZINKOVSKY, Ivan Vasilievich [RU/RU]; pr-t Sevastopolsky, 12-3-9, Moscow, 113447 (RU).
- (74) OBSHESTVO S OGRANICHENNOI OTVESTVENOSTJU "AGENCY OF INTELLECTUAL PROPERTY PROTECTION AND DEVELOPMENT "ERMAKOVA, STOLIAROVA AND ASSOCIATES"; Pokrovsky bulvar, 3-428, Moscow, 109028 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
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- (51)⁷ C21D 8/00, 9/00, 1/09, 1/26, C22C 38/44,
28/00, 19/05
- (11) WO 02/086172 (13) A1
- (21) PCT/US02/12115
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/841,330 24 Apr/avr 2001 US
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF PRODUCING STAIN-
LESS STEELS HAVING IMPROVED
CORROSION RESISTANCE
- PROCEDE DE FABRICATION
D'ACIERS INOXYDABLES PRESEN-
TANT UNE MEILLEURE RESISTANCE
A LA CORROSION
- (71) ATI PROPERTIES, INC. [US/US]; 1600
N.E. Old Salem Road, Albany, OR 97321
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GRUBB, John, F. [US/US]; 3114 Went-
worth Drive, Lower Burrell, PA 15068 (US).
FRITZ, James, D. [US/US]; 606 Bear Creek
Road, Cabot, PA 16023 (US).
- (74) VICCARO, Patrick, J.; Allegheny Tech-
nologies Incorporated, 1000 Six PPG Place,
Pittsburgh, PA 15222 (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)
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- (51)⁷ C22B 3/00, C01F 7/47, 7/06, C01G 23/053
- (11) WO 02/086173 (13) A1
- (21) PCT/EP02/03869
- (22) 6 Apr/avr 2002 (06.04.2002)
- (25) de (26) de
- (30) 101 19 685.7 20 Apr/avr 2001 DE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REMOVAL OF NON-WATER SOLUBLE
SUBSTANCES FROM SOLUTIONS OF
AQUEOUS METAL EXTRACTS
- ELIMINATION DE SUBSTANCES NON
SOLUBLES DANS L'EAU CONTE-
NUES DANS DES SOLUTIONS DE
- PREPARATIONS METALLIQUES
AQUEUSES
- (71) STOCKHAUSEN GMBH & CO. KG
[DE/DE]; Bäckerpfad 25, 47805 Krefeld (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KUBOTH, Detlef [DE/DE]; Kappeler
Str. 194, 40559 Düsseldorf (DE).
- (74) WOLFF, Felix, Dr. et al. / etc.; Kutzen-
berger & Wolff, Theodor-Heuss-Ring 23,
50668 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 C22B 3/02
- (11) WO 02/086174 (13) A1
- (21) PCT/US02/12082
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,483 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR
TREATING A SUBSTRATE WITH AN
OZONE-SOLVENT SOLUTION II
- PROCEDE ET DISPOSITIF PERMET-
TANT DE TRAITER UN SUBSTRAT
AVEC UNE SOLUTION OZONE-SOL-
VANT
- (71) PHIFER SMITH CORPORATION
[US/US]; 2181 Park Boulevard, Palo Alto,
CA 94306 (US).
- (72) BOYERS, David, G.; 558 Fir Lane, Los Al-
tos, CA 94024 (US).
- (74) SMITH, Joseph, H.; 4410 Casa Madeira
Lane, San Jose, CA 95127 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
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- (51)⁷ C22C 21/00
- (11) WO 02/086175 (13) A1
- (21) PCT/US02/12727
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/840,576 23 Apr/avr 2001 US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ALUMINUM ALLOY WITH INTER-
GRANULAR CORROSION RESIS-
TANCE, METHODS OF MANUFAC-
TURING AND ITS USE
- ALLIAGE D'ALUMINIUM A RESIS-
TANCE A LA CORROSION INTER-
GRANULAIRE, PROCEDES DE FA-
BRICATION ET UTILISATION DE CET
ALLIAGE
- (63) US 09/840,576 (CON)
23 Apr/avr 2001 (23.04.2001)
- (71) ALCOA INC. [US/US]; Alcoa Corporate
Center, 201 Isabella Street, Pittsburgh, PA
15212-5858 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) REN, Baolute [US/US]; Alcoa Technical
Center, 100 Technical Drive, Alcoa Center,
PA 15069-0001 (US).
- (74) RICHARDS, John et al. / etc.; Ladas &
Parry, 26 West 61st Street, New York, NY
10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 6/00
- (11) WO 02/086176 (13) A1
- (21) PCT/JP02/03933
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-121084 19 Apr/avr 2001 JP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FERRITIC HEAT-RESISTANT STEEL
AND METHOD FOR PRODUCTION
THEREOF
- ACIER FERRITIQUE THERMORESIS-
TANT ET PROCEDE DE FABRICATION
- (71) NATIONAL INSTITUTE FOR MATE-
RIALS SCIENCE [JP/JP]; 2-1, Sengen
1-chome, Tsukuba-shi, Ibaraki 305-0047
(JP). MITSUBISHI HEAVY INDUS-
TRIES, LTD. [JP/JP]; 5-1, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TANEIKE, Masaki [JP/JP]; c/o National
Institute for Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi, Ibaraki 305-0047
(JP). ABE, Fujio [JP/JP]; c/o National In-
stitute for Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi, Ibaraki 305-0047
(JP).
- (74) NISHIZAWA, Toshio; 6F, Mani-Building,
37-10, Udagawa-cho, Shibuya-ku, Tokyo
150-0042 (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).
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- (51)⁷ C22C 38/24, 38/26
- (11) WO 02/086177 (13) A1
- (21) PCT/SE02/00714
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) en (26) en
- (30) 0101438-0 25 Apr/avr 2001 SE (25.04.2001)
- (30) 0101785-4 18 May/mai 2001 SE (18.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • STEEL ARTICLE
• ARTICLE EN ACIER
- (71) UDDEHOLM TOOLING AKTIEBOLAG [SE/SE]; S-683 85 Hagfors (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANDBERG, Odd [SE/SE]; Strandvägen 28, S-683 40 Uddeholm (SE). JÖNSSON, Lennart [SE/SE]; Hööksgatan 2A, S-652 29 Karlstad (SE).
- (74) KYLIN, Peter et al. / etc.; Hynell Patent-tjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22C 45/00
- (11) WO 02/086178 (13) A1
- (21) PCT/JP01/10808
- (22) 10 Dec/déc 2001 (10.12.2001)
- (25) ja (26) ja
- (30) 2001-121266 19 Apr/avr 2001 JP (19.04.2001)
- (30) 2001-264370 31 Aug/août 2001 JP (31.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CU-BE BASE AMORPHOUS ALLOY
• ALLIAGE AMORPHE A BASE DE CU-BE
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) INOUE, Akihisa [JP/JP]; 11-806, Kawauchi-Jyutaku, 35, Kawauchi Motohasekura, Aoba-ku, Sendai-shi, Miyagi 980-0861 (JP). ZHANG, Tau [CN/JP]; 17-30, Kongousawa 3-chome, Taihaku-ku, Sendai-Shi, Miyagi 982-0803 (JP).
- (74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (11) WO 02/086179 (13) A2
- (21) PCT/CA02/00470
- (22) 3 Apr/avr 2002 (03.04.2002)
- (25) en (26) en
- (30) 09/840,854 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PLASMA SYNTHESIS OF TITANIUM DIOXIDE NANOPOWDER AND POWDER DOPING AND SURFACE MODIFICATION PROCESS
• SYNTHÈSE PAR PLASMA DE NANOPPOUDRE DE DIOXYDE DE TITANE ET PROCESSUS DE MODIFICATION DE SURFACE ET DE DOPAGE DE POUFRE
- (71) TEKNA PLASMA SYSTEMS INC. [CA/CA]; 3535 Industrial Boulevard, Sherbrooke, Quebec J1L 1X7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOULOS, Maher, I. [CA/CA]; 505 Montmagny, Sherbrooke, Québec J1L 1H2 (CA). JUREWICZ, Jerzy, W. [CA/CA]; 2395 Gaultier, Sherbrooke, Quebec J1J 4B3 (CA). NESSIM, Christine, A., Abdel, Messih [EG/CA]; Apt 1, 971 rue Belvédère sud, Sherbrooke, Quebec J1H 4C6 (CA).
- (74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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) 4 Apr/avr 2002 (04.04.2002)
- (25) en (26) en
- (30) 09/838,458 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A PROCESS FOR CONVERTING A METAL CARBIDE TO DIAMOND BY ETCHING IN HALOGENS
• PROCEDE DE CONVERSION D'UN CARBURE METALLIQUE EN DIAMANT PAR ATTAQUE DES HALOGENES A
- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 349 Henry Administration Building, 506 S. Wright Street, Urbana, IL 61801 (US).
- (72) MCNALLAN, Michael, J.; 309 N. Elmwood Avenue, Oak Park, IL 60302 (US). ERSOY, Daniel; 7251 N. Kilpatrick Avenue, Lincolnwood, IL 60646 (US). GOGOTSI, Yury; 33 Sandtrap Circle, Ivyland, PA 18974 (US). WELZ, Sascha; 817 South Miller Street, Chicago, IL 60607 (US).
- (74) ANDERSON, Richard, H.; 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).
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- (11) WO 02/086181 (13) A2
- (21) PCT/US02/12080
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,658 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIFFUSION BONDED ASSEMBLIES AND FABRICATION METHODS
• ENSEMBLES SOUDES PAR DIFFUSION ET PROCEDES DE FABRICATION
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, Box 2245, Morristown, NJ 07962 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MISNER, Josh, W. [US/US]; 13310 E. Mission Avenue #202, Spokane, WA 99016 (US).
- (74) LATWESEN, David, G.; Wells, St. John, Roberts, Gregory & Matkin P.S., Suite 1300, 601 West First Avenue, Spokane, WA 99201 (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).
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- (11) WO 02/086182 (13) A1
- (21) PCT/EP02/02837
- (22) 14 Mar/mar 2002 (14.03.2002)
- (25) de (26) de
- (30) 101 19 309.2 19 Apr/avr 2001 DE
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PREVENTING PRESS
FIT DAMAGES TO WHEELSETS, PAR-
TICULARLY TO WHEELSETS OF
RAIL VEHICLES
- PROCEDE DESTINE A EVITER DES
DEGATS D'AJUSTEMENT FORCE
SUR DES ESSIEUX MONTES, NOTAM-
MENT SUR DES ESSIEUX MONTES
DE VEHICULES SUR RAILS
- (71) DEUTSCHE BAHN AG [DE/DE]; Post-
damer Platz 2, 10782 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KUTTNER, Thomas [DE/DE]; Wald-
strasse 86, 13156 Berlin (DE). STAUDER,
Norbert [DE/DE]; Friedhofstrasse 22, 74354
Besigheim (DE).
- (74) DEUTSCHE BAHN AG; Zinken-Sommer,
Rainer, Patentabteilung TZ 02, Völckerstr. 5,
80939 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 C23C 14/00, C25B 11/00, 13/00, 9/00,
C22C 21/00, B23K 20/00, 28/00
- (11) WO 02/086183 (13) A1
- (21) PCT/US02/11686
- (22) 12 Apr/avr 2002 (12.04.2002)
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(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIFFUSION BONDED ASSEMBLIES
AND FABRICATION METHODS
- ENSEMBLES SOUDES PAR DIFFU-
SION ET PROCEDES DE FABRICA-
TION
- (71) HONEYWELL INTERNATIONAL INC.
[US/US]; Law Department AB2, P.O. Box
- 2245, 101 Columbia Road, Morristown, NJ
07962 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MISNER, Josh, W. [US/US]; 222 N.
Whipple, Spokane, WA 99206 (US).
- (74) LAKE, James, E. et al. / etc.; Wells St. John
P.S., 601 West First Ave., # 1300, Spokane,
WA 99201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 C23C 14/34, C22C 1/02, B21J 5/02, 5/08,
G11B 5/851, 5/65
- (11) WO 02/086184 (13) A1
- (21) PCT/JP02/01341
- (22) 18 Feb/fév 2002 (18.02.2002)
- (25) ja (26) ja
- (30) 2001-116323 16 Apr/avr 2001 JP
(16.04.2001)
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(01.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MANGANESE ALLOY SPUTTERING
TARGET AND METHOD FOR PRO-
DUCING THE SAME
- CIBLE DE PULVERISATION D'AL-
LIAGE DE MANGANESE ET PRO-
CEDE DE PRODUCTION ASSOCIE
- (71) NIKKO MATERIALS COMPANY, LIM-
ITED [JP/JP]; 10-1, Toranomom 2-chome,
Minato-ku, Tokyo 105-8407 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) NAKAMURA, Yuichiro [JP/JP]; c/o
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pany, Limited, 187-4, Usuba, Hanakawa-cho,
Kitaibaraki-shi, Ibaraki 319-1535 (JP).
- (74) OGOSHI, Isamu; TecLaw Patent & Law
Office, Nishi-shimbashi Sato Bldg. 7F, 4-1,
Nishi-Shimbashi 3-chome, Minato-ku, Tokyo
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- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
- Published / Publiée : (b)
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- (11) WO 02/086185 (13) A1
- (21) PCT/US02/11473
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 60/285,360 20 Apr/avr 2001 US
(20.04.2001)
- (30) 60/285,361 20 Apr/avr 2001 US
(20.04.2001)
- (30) 60/285,364 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PENNING DISCHARGE PLASMA
SOURCE
- SOURCE DE PLASMA DE DECHARGE
DE PENNING
- (71) APPLIED PROCESS TECHNOLOGIES
[US/US]; 546_East 25th Street, Tucson, AZ
85713 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MADOCKS, John, E. [US/US]; 110
East Yvon Drive, Tucson, AZ 85704 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 C23C 14/35, G01N 33/00
- (11) WO 02/086186 (13) A1
- (21) PCT/US02/04819
- (22) 20 Feb/fév 2002 (20.02.2002)
- (25) en (26) en
- (30) 60/286,182 24 Apr/avr 2001 US
(24.04.2001)
- (30) 60/296,354 6 Jun/juin 2001 US
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(21.06.2001)
- (30) 60/328,847 11 Oct/oct 2001 US
(11.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TARGET AND METHOD OF OPTIMIZ-
ING TARGET PROFILE
- CIBLE ET PROCEDE D'OPTIMISA-
TION D'UN PROFIL DE CIBLE
- (71) TOSOH SMD, INC. [US/US]; 3600 Gantz
Road, Grove City, OH 43123 (US).
(only for / seulement pour US)
- (72, 75) IVANOV, Eugene, Y. [US/US]; 3198
Windsor Place, Grove City, OH 43123 (US).
SMATHERS, David, B. [US/US]; 3298
Kirkham Road, Columbus, OH 43221 (US).
WICKERSHAM, Charles, E., Jr. [US/US];
571 Arden Road, Columbus, OH 43221 (US).
ZHU, Lin [US/US]; 3262 Heritage Glen Dr.,
Grove City, OH 43123 (US).
- (74) PEACOCK, Bruce, E. et al. / etc.; Biebel
& French, 35 East First Street, Dayton, OH
45402 (US).

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

(51)⁷ C23C 14/50, 14/54, 14/56, 16/458, 16/46, H01L 39/24

(11) WO 02/086187 (13) A1

(21) PCT/EP02/04243

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 01201428.8 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR THE DEPOSITION OF METAL OR METAL OXIDE COATINGS

• APPAREIL UTILE POUR DEPOSER DES COUCHES DE METAL OU D'OXYDE METALLIQUE

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).

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(72, 75) DENUL, Jurgen [BE/BE]; Krekkelstraat 119, B-9800 Deinze (BE). DE GRUYSE, Roger [BE/BE]; Dorp 47, B-9860 Oosterzele (BE). SEGERS, Anneke [BE/BE]; Eekhout 62, B-9000 Gent (BE). LIEVENS, Hugo [BE/BE]; Nederzwijsnaarde 45, B-9052 Gent (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 C23C 14/56, 16/54, H01L 39/24, C23C 14/54

(11) WO 02/086188 (13) A1

(21) PCT/EP02/04241

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 01201427.0 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR THE DEPOSITION OF METAL OR METAL OXIDE COATINGS ON AN ELONGATED SUBSTRATE

• APPAREIL ET PROCÉDE POUR DEPOSER UN REVETEMENT METALLIQUE OU D'OXYDE METALLIQUE SUR UN SUBSTRAT ALLONGE

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).

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

(72, 75) DENUL, Jurgen [BE/BE]; Krekkelstraat 119, B-9800 Deinze (BE). DE GRUYSE, Roger [BE/BE]; Dorp 47, B-9860 Oosterzele

(BE). SEGERS, Anneke [BE/BE]; Eekhout 62, B-9000 Gent (BE). LIEVENS, Hugo [BE/BE]; Nederzwijsnaarde 45, B-9052 Gent (BE).

(74) HEYDE, Katrien; N.V. Bekaert S.A., D.I.E. - 4011, Bekaertstraat 2, B-8550 Zwevegem (BE).

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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)

(51)⁷ C23C 16/18, C07C 49/92, C07F 1/08

(11) WO 02/086189 (13) A1

(21) PCT/JP01/03257

(22) 16 Apr/avr 2001 (16.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SUBSTITUTED CYCLOALKENE NEW COPPER PRECURSORS FOR CHEMICAL VAPOR DEPOSITION OF COPPER METAL THIN FILMS

• NOUVEAUX PRECURSEURS DU CUIVRE A SUBSTITUTION CYCLOALCENE POUR DEPOT CHIMIQUE EN PHASE VAPEUR DE COUCHES MINCES DE CUIVRE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaicho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

(72) ZHUANG, Wei-Wei; 18806 SE 18th Street, Vancouver, WA 98683 (US). NGUYEN, Tue; 671 Lonsdale Avenue, Fremont, CA 94539 (US). CHARNESKI, Lawrence, J.; 8115 NE 227th Avenue, Vancouver, WA 98682 (US). EVANS, David, R.; 7574 SW 179th, Beaverton, OR 97007 (US). HSU, Sheng, Teng; 2216 NW Trout Court, Camas, WA 98607 (US).

(74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(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 C23C 16/40, 16/06

(11) WO 02/086190 (13) A1

(21) PCT/ES02/00193

(22) 18 Apr/avr 2002 (18.04.2002)

(25) es (26) es

(30) P 200100911 19 Apr/avr 2001 ES (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PREPARING THIN POROUS LAYERS OF INORGANIC OXIDES

• PROCÉDE DE PREPARATION DE FINES COUCHES POREUSES D'OXYDES INORGANQUES

(71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES). UNIVERSIDAD DE SEVILLA [ES/ES]; C/Valparaíso, 5 - 3º, E-41013 Sevilla (ES).

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

(72, 75) BARRANCO QUERO, Angel [ES/ES]; Insto. Ciencia de Materiales de Sevilla, Consejo Superior de Investigaciones Científicas, C/Americo Vespucio, Isla de Cartuja, E-41092 Sevilla (ES). YUBERO VALENCIA, Francisco [ES/ES]; Ctro. Nacional de Aceleradores, Consejo Superior de Investigaciones Científicas, C/Tomás Alba Edison, Isla de Cartuja, E-41092 Sevilla (ES). ESPINOS MANZORRO, Juan Pedro [ES/ES]; Ctro. Nacional de Aceleradores, Consejo Superior de Investigaciones Científicas, C/Tomás Alba Edison, Isla de Cartuja, E-41092 Sevilla (ES). RODRÍGUEZ GONZÁLEZ-ELIPE, Agustín [ES/ES]; Insto. Ciencia de Materiales de Sevilla, Consejo Superior de Investigaciones Científicas, C/Americo Vespucio, Isla de Cartuja, E-41092 Sevilla (ES). COTRINO BAUTISTA, José [ES/ES]; Universidad de Sevilla, C/Valparaíso, 5 - 3º, E-41013 Sevilla (ES).

(74) REPRESA SÁNCHEZ, Domingo; Oficina de Transferencia de Tecnología, Consejo Superior de Investigaciones Científicas, C/Serrano, 113 - 2 planta, E-28006 Madrid (ES).

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

(51)⁷ C23C 16/44, C23G 5/032, C11D 11/00, H01L 21/306

(11) WO 02/086191 (13) A1
(21) PCT/US02/04087
(22) 12 Feb/fév 2002 (12.02.2002)
(25) en (26) en
(30) 09/841,340 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF FLUORINATED KETONES AS WET CLEANING AGENTS FOR VAPOR REACTORS

• UTILISATION DE CETONES FLUORÉES EN TANT QU'AGENTS DE NETTOYAGE HUMIDES POUR REACTEURS A VAPEUR

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

(72) KESARI, Susrut; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert H.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(51)⁷ C23C 16/44, H01L 21/311, C23F 4/00, H01L 21/316, C23C 14/56

(11) WO 02/086192 (13) A1

(21) PCT/US02/07509

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/841,376 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USE OF PERFLUOROKETONES AS VAPOR REACTOR CLEANING, ETCHING, AND DOPING GASES

• UTILISATION DE PERFLUOROCETONES COMME GAZ DE NETTOYAGE, DE GRAVURE ET DE DOPAGE DESTINES A UN REACTEUR A VAPEUR

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

(72) **KESARI, Susrut**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BEHR, Frederick E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **COSTELLO, Michael G.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **FLYNN, Richard M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **MINDAY, Richard M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **OWENS, John G.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VITCAK, Daniel R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert H.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C23C 16/503, 16/505, 16/513

(11) WO 02/086193 (13) A1

(21) PCT/US02/11189

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 60/285,203 20 Apr/avr 2001 US (20.04.2001)

(30) 10/036,067 19 Oct/oct 2001 US (19.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLASMA TREATMENT APPARATUS

• DISPOSITIF DE TRAITEMENT AU PLASMA

(71) **APPLIED PROCESS TECHNOLOGIES, INC.** [US/US]; 546 East 25th Street, Tuscon, AZ 85713 (US).

(72) **MADOCKS, John, E.**; 110 East Yvon Drive, Tuscon, AZ 85704 (US).

(74) **HETZ, Joseph, F.**; Brinks Hofer Gilson & Lion, 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).

(51)⁷ C23C 24/08, 30/00, C03C 17/00, C04B 41/87

(11) WO 02/086194 (13) A2

(21) PCT/DE02/01453

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 538.9 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUNCTIONAL CERAMIC LAYERS BASED ON A SUPPORT LAYER PRODUCED WITH CRYSTALLINE NANOPARTICLES

• COUCHES CERAMIQUES FONCTIONNELLES COMPRENANT UNE

COUCHE SUPPORT PRODUITE AU MOYEN DE NANOPARTICULES CRISTALLINES

(71) **ITN-NANOVATION GMBH** [DE/DE]; Im Felsbrunnen 7, D-66119 Saarbrücken (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NONNINGER, Ralph** [DE/DE]; Rosenstrasse 12, 66129 Saarbrücken (DE). **BINKLE, Olaf** [DE/DE]; Blieskastelerstr. 20, D-66459 Kirkel (DE).

(74) **KOHLER SCHMID + PARTNER**; Patentanwälte GbR, Ruppmanstrasse 27, 70565 Stuttgart (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/00, 13/00, B01D 69/00, 71/00

(11) WO 02/086195 (13) A1

(21) PCT/US01/12641

(22) 18 Apr/avr 2001 (18.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CHARGE BARRIER FLOW-THROUGH CAPACITOR

• CONDENSATEUR CONTINU A PROTECTION DE CHARGE

(71, 72) **ANDELMAN, Marc, D.** [US/US]; One Parkton Avenue, Worcester, MA 01605 (US).

(74) **MEYER-LEON, Leslie**; c/o Crowley, Richard, P., 901 Main Street, P.O. Box 901, Osterville, MA 02655-0901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 C25D 3/38, 21/06, 21/16

(11) WO 02/086196 (13) A1

(21) PCT/US02/12355

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,651 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COPPER ACID BATHS, SYSTEM AND METHOD FOR ELECTROPLATING HIGH ASPECT RATIO SUBSTRATES
• BAINS ACIDES DE CUIVRE, SYSTEME ET PROCEDURE D'ELECTRODEPOSITION SUR DES SUBSTRATS A RAPPORT D'ASPECT ELEVE

(71) RD CHEMICAL [US/US]; 1350 Pear Avenue, Mountain View, CA 94043 (US).
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(74) CANNON, Alan W.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/44, C23G 1/12

(11) WO 02/086197 (13) A1

(21) PCT/EP02/04388

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01201444.5 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF PLATING AND PRE-TREATING ALUMINIUM WORKPIECES
• PROCEDURE DE PLAQUAGE ET DE PRE-TRAITEMENT DE PIECES D'ALUMINIUM

• PROCEDURE DE PLAQUAGE ET DE PRE-TRAITEMENT DE PIECES D'ALUMINIUM

(71) CORUS ALUMINIUM WALZPRODUKTE GMBH [DE/DE]; Carl-Spaeter-Strasse 10, 56070 Koblenz (DE).
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(72, 75) MOOIJ, Joop, Nicolaas [NL/NL]; Walstro 56, NL-1902 JP Castricum (NL). WIJENBERG, Jacques, Hubert, Olga, Joseph [NL/NL]; Bogortuin 135, 1019 PE Amsterdam (NL).

(74) DE GROOT, Herman, Johan, Willem; Corus Technology BV, P.O. Box 10000, 1970 CA IJmuiden (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 C25F

(11) WO 02/086198 (13) A2

(21) PCT/DE02/01450

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 649.0 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR MACHINING WORKPIECES BY ELECTROCHEMICALLY REMOVING MATERIAL

• PROCEDURE ET DISPOSITIF D'USINAGE DE PIECES PAR ENLEVEMENT ELECTROCHIMIQUE DE MATIERE

(71) DORNER GMBH [DE/DE]; August-Robert-Wielandstrasse 2, 74405 Gaildorf (DE).
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(72, 75) SCHEKULIN, Dirk [DE/DE]; Mörikeweg 6, 72820 Sonnenbühl (DE). SCHEKULIN, Ulrich [DE/DE]; Schwabstrasse 39, 72074 Tübingen (DE).

(74) SCHUSTER, Gregor et al. / etc.; Wiederholdstrasse 10, 70174 Stuttgart (DE).

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

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

(51)⁷ C25F 1/06

(11) WO 02/086199 (13) A2

(21) PCT/IT02/00270

(22) 24 Apr/avr 2002 (24.04.2002)

(25) it (26) en

(30) RM2001A000223 24 Apr/avr 2001 IT (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTINUOUS ELECTROLYTIC METHOD IN AN ACID SOLUTION FOR THE DESCALING OF STAINLESS STEELS, IN THE PRESENCE OF CURRENT FLOW INDIRECT EFFECTS

• PROCEDURE ELECTROLYTIQUE CONTINUE REALISE DANS UNE SOLUTION ACIDE POUR DECALAMINER DES ACIERS INOXYDABLES, EN PRESENCE D'EFFETS INDIRECTS D'UN FLUX DE COURANT

(71) CENTRO SVILUPPO MATERIALI S.P.A. [IT/IT]; Via di Castel romano, 100-102, I-00129 Roma (IT).
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(72, 75) DULCETTI, Alessandro [IT/IT]; Centro Sviluppo Materiali S.p.A., Via di Castel Romano, 100-102, I-00129 Roma (IT). RAMUNDO, Susanna [IT/IT]; Centro Sviluppo Materiali S.p.A., Via di Castel Romano, 100-102, I-00129 Roma (IT).

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

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

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

(51)⁷ C30B 25/02, G03F 7/00

(11) WO 02/086200 (13) A1

(21) PCT/IB01/00668

(22) 23 Apr/avr 2001 (23.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION METHOD FOR ATOMIC AND MOLECULAR PATTERNS ON SURFACES AND NANOSTRUCTURED DEVICES

• PROCEDURE DE PRODUCTION DE MOTIFS ATOMIQUES ET MOLECULAIRES SUR DES SURFACES ET DE DISPOSITIFS NANOSTRUCURES

(71) UNIVERSITÄT BASEL [CH/CH]; Petersgraben 35, CH-4003 Basel (CH).
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(72, 75) BRUNNER, Michael [CH/CH]; Parkstrasse 14, CH-4102 Binningen (CH). BERNER, Simon [CH/CH]; Sonnhalde 18, CH-5018 Erlinsbach (CH). JUNG, Thomas, A. [CH/CH]; Claridenstrasse 2, CH-8800 Thalwil (CH). SUZUKI, Hitoshi [JP/JP]; 1-9-2-1-1103 Mikatadai, Nishi-ku, Kobe, Hyogo 651-2277 (JP).

(74) E. BLUM & CO.; Vorderberg 11, CH-8044 Zürich (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 C30B 25/18, H01L 21/20

(11) WO 02/086201 (13) A1

(21) PCT/US02/04969

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 09/838,273 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEMICONDUCTOR STRUCTURES AND DEVICES UTILIZING PEROVSKITE STACKS

• STRUCTURES ET DISPOSITIFS A SEMI-CONDUCTEURS UTILISANT DES EMPILEMENTS DE PEROVSKITE

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) YU, Zhiyi; 449 W. Merrill Avenue, Gilbert, AZ 85233 (US). DROOPAD, Ravindranath; 4515 W. Tyson Street, Chandler, AZ 85226 (US). OOMS, William, J.; 7200 W. Dillon Wash, Prescott, AZ 86305 (US).

(74) KOCH, William, E.; 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).

Published / Publiée : (c)

(51)⁷ C30B 29/36, 33/00, H01L 21/02

(11) WO 02/086202 (13) A1

(21) PCT/FR02/01323

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05317 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR TREATING THE SURFACE OF A SEMICONDUCTOR MATERIAL

• PROCEDE DE TRAITEMENT DE LA SURFACE D'UN MATERIAU SEMI-CONDUCTEUR

(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) 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 D01D 1/06, D01F 6/62

(11) WO 02/086203 (13) A1

(21) PCT/JP02/03738

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(30) 2001-119964 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MELTING AND SPINNING DEVICE AND MELTING AND SPINNING METHOD

• DISPOSITIF ET PROCEDE DE FONTE ET DE CENTRIFUGATION

(71) KABUSHIKIKAISHA IGAKI IRYO SEKKEI [JP/JP]; Furuhashi Yamashina Bldg., 4, Kanda-cho, Shinomiya, Yamashina-ku, Kyoto-shi, Kyoto 607-8035 (JP).

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(72, 75) IGAKI, Keiji [JP/JP]; c/o KABUSHIKIKAISHA IGAKI IRYO SEKKEI, Furuhashi Yamashina Bldg., 4, Kanda-cho, Shinomiya, Yamashina-ku, Kyoto-shi, Kyoto 607-8035 (JP). YAMANE, Hideki [JP/JP]; 21-21, Imaichi-cho, Moriyama-shi, Shiga 524-0011 (JP).

(74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

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

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

(51)⁷ D01F

(11) WO 02/086204 (13) A2

(21) PCT/US02/12657

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,365 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CARBON BLACK PIGMENTED YARN WITH IMPROVED PHYSICAL PROPERTIES

• FIL COLORE PAR PIGMENTATION AU NOIR DE CARBONE PRESENTANT DES PROPRIETES PHYSIQUES AMELIOREES

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(72, 75) PACE, John, D. [US/US]; 303 Dunnington Dr., Abbeville, SC 29620 (US). OSBORN, Scott, E. [US/US]; 4345 Montaigne, Pensacola, FL 32504 (US).

(74) LUNDELL, Craig, M.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

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

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

(51)⁷ D01F 1/09

(11) WO 02/086205 (13) A1

(21) PCT/KR02/00677

(22) 13 Apr/avr 2002 (13.04.2002)

(25) ko (26) en

(30) 2001-20310 16 Apr/avr 2001 KR
(16.04.2001)(30) 2001-20311 16 Apr/avr 2001 KR
(16.04.2001)(30) 2001-21256 19 Apr/avr 2001 KR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FABRICATION METHOD OF CONDUCTIVE POLYACRYLONITRILE SPINNING SOLUTION

• PROCEDE DE FABRICATION D'UNE SOLUTION DE FILAGE DE POLYACRYLONITRILE CONDUCTRICE

(71) SMART MATERIALS TECHNOLOGY INC. [KR/KR]; #215 NKIC, 48-84 Hongoeun-dong, Seodaemun-ku, Seoul 120-100 (KR).

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(72, 75) LEE, Sung, Joo [KR/KR]; 3-909 Sampoon Apt., 1685 Seocho-dong Seocho-ku, Seoul 137-779 (KR). PARK, Jong Su [KR/KR]; 108-1303 Hansin Apt., Cheongryang1-dong Dongdaemun-ku, Seoul 130-775 (KR). OH, Hyun Ju [KR/KR]; 5-69 Namgajwa2-dong Seodaemun-ku, Seoul 120-800 (KR). KIM, Hyun Joo [KR/KR]; 208-302 HanJin Apt., Donam2-dong Seongbuk-ku, Seoul 136-753 (KR). KIM, Tae Wook [KR/KR]; 102-704 Lucky Doekdong Apt., 813 Bijoon-dong Pyeongtack, KyungKido 450-150 (KR).

(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 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).

(51)⁷ D01F 2/00, C08J 5/18, D21C 9/00, D01D 5/18

(11) WO 02/086206 (13) A1

(21) PCT/US02/12883

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,274 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SAWDUST ALKALINE PULP HAVING LOW AVERAGE DEGREE OF POLYMERIZATION VALUES AND METHOD OF PRODUCING THE SAME

• PATE ALCALINE A SCIURE A FAIBLE DEGRE MOYEN DE POLYMERISATION ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) WEYERHAEUSER COMPANY [US/US]; Intellectual Property Department, CH 1 J27, 33663 Weyerhaeuser Way South, Federal Way, WA 98063 (US).

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

(72, 75) SEALEY, James, E., II [US/US]; 32621 - 49th Court SW, Federal Way, WA 98023 (US). PERSINGER, Harvey, W. [US/US]; 24211 SE 380th, Enumclaw, WA 98022 (US). LUO, Mengkui [US/US]; 3608 - 45th Ave. NE, Tacoma, WA 98422 (US). WESTER, Brian [US/US]; 3918 176th Ave. East, Sumner, WA 98390 (US).

(74) CRAWFORD, John, M. et al. / etc.; Weyerhaeuser Company, Intellectual Property Dept., CH 1J27, 33663 Weyerhaeuser Way South, Federal Way, WA 98063 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 6/46, 6/06, 1/10

(11) WO 02/086207 (13) A1

(21) PCT/CH02/00171

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 747/01 24 Apr/avr 2001 CH (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PRODUCING FINE MONOFILAMENTS CONSISTING OF POLYPROPYLENE, FINE MONOFILAMENTS CONSISTING OF

POLYPROPYLENE AND THE USE THEREOF

• PROCEDE POUR PRODUIRE DES MONOFILAMENTS FINS EN POLYPROPYLENE, MONOFILAMENTS FINS EN POLYPROPYLENE ET LEUR UTILISATION

(71) RHODIA INDUSTRIAL YARNS AG [CH/CH]; CH-6021 Emmenbrücke (CH).

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

(72, 75) SCHÜTZE, Gustav [CH/CH]; Tignappa, CH-7014 Trin (CH). KURT, Max [CH/CH]; Huobenfangstrasse 24, CH-6023 Rothenburg (CH).

(74) HERRMANN, Peter; Rhodia Industrial Yarns AG, Patentabteilung, CH-6021 Emmenbücke (CH).

(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 D01F 6/70

(11) WO 02/086208 (13) A1

(21) PCT/KR02/00714

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ko (26) en

(30) 2001/20975 19 Apr/avr 2001 KR (19.04.2001)

(30) 2001/20976 19 Apr/avr 2001 KR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A POLYURETHANE TYPE ELASTIC FIBER, AND A PROCESS OF PREPARING FOR THE SAME

• FIBRE ELASTIQUE DE TYPE POLYURETHANE, ET PROCEDE DE PREPARATION DE LA FIBRE

(71) KOLON INDUSTRIES, INC [KR/KR]; Kolon Tower, 1-23, Byulyang-dong, Kwacheon-city, Kyunggi-do 427-040 (KR).

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

(72, 75) KWON, Il-Cheon [KR/KR]; 345 Buki-li, Jinyang-meon, Kyungsan-city, Kyungsangbuk-do 712-830 (KR). KIM, Doo-Hyun [KR/KR]; 345 Buki-li, Jinyang-meon, Kyungsan-city, Kyungsangbuk-do 712-830 (KR). RO, Kyung-Hwan [KR/KR]; 345 Buki-li, Jinyang-meon, Kyungsan-city, Kyungsangbuk-do 712-830 (KR).

(74) CHO, Hwal-Rai; Suite No. 1507 Yoksam Hights Bldg, 642-19 Yoksam-dong, Kangnam-gu, Seoul 135-981 (KR).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TN 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 D01F 6/92

(11) WO 02/086209 (13) A1

(21) PCT/JP02/03593

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-117405 16 Apr/avr 2001 JP (16.04.2001)

(30) 2001-117819 17 Apr/avr 2001 JP (17.04.2001)

(30) 2001-119797 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLYESTER FIBERS

• FIBRES DE POLYESTER

(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) MASUDA, Toshiyuki [JP/JP]; 20-12, Yoneda-cho Shioichi, Takasago-shi, Hyogo 676-0806 (JP). KOWAKI, Toshihiro [JP/JP]; 5-2-23, Torikaimishi, Settsu-shi, Osaka 566-0072 (JP).

(74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

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

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

(51)⁷ D01F 11/12, 9/22

(11) WO 02/086210 (13) A1

(21) PCT/US02/11938

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,772 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ACTIVATED BIREGIONAL FIBERS AND METHOD FOR THE MANUFACTURE OF THEM

• FIBRE(S) ACTIVÉE(S) À DEUX RÉGIONS ET PROCÉDÉ DE FABRICATION DE CETTE (CES) FIBRE(S)

(71, 72) MCCULLOUGH, Francis, P. [US/US]; 3701 Carbtex Road, Angleton, TX 77515 (US).

(74) JUHL, Nis, H.; 10033 Planters Woods Drive, Austin, TX 78730 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ D02G 1/02, 3/02, D01F 8/14, D03D 15/08

(11) WO 02/086211 (13) A1

(21) PCT/JP02/03731

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(30) 2001-117915 17 Apr/avr 2001 JP
(17.04.2001)

(30) 2001-328870 26 Oct/oct 2001 JP
(26.10.2001)

(30) 2001-356975 22 Nov/nov 2001 JP
(22.11.2001)

(30) 2002-31639 8 Feb/fév 2002 JP
(08.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FALSE TWIST YARN OF POLYESTER COMPOSITE FIBER AND METHOD FOR PRODUCTION THEREOF

• FIL TEXTURE PAR FAUSSE TORSION EN FIBRE DE POLYESTER COMPOSITE ET PROCEDE DE PRODUCTION

(71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).

(72) KOYANAGI, Tadashi; 4-6-15, Minamihitotsugaoka, Nobeoka-shi, Miyazaki 889-0506 (JP). ABE, Takao; 1-85-1, Hirabaru-cho, Nobeoka-shi, Miyazaki 882-0866 (JP). MATSUO, Teruhiko; 1-18-5, Tsurugaoka, Nobeoka-shi, Miyazaki 882-0865 (JP). YAMAMOTO, Mitsuyuki; 351, Shinbohon 1-chome, Kanazawa-shi, Ishikawa 921-8062 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/00, B32B 5/26, 25/02, 27/04, 27/12

(11) WO 02/086212 (13) A1

(21) PCT/US02/12700

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,476 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS TO INCREASE WIND UPLIFT RESISTANCE IN ROOFING MEMBRANES

• PROCEDE ET APPAREIL POUR AUGMENTER LA RESISTANCE A L'ARRACHEMENT PAR LE VENT DES MEMBRANES DE TOITURE

(71) UVTEC, L.P. [US/US]; 11355 Noel Road, Suite 1455, Dallas, TX (US).

(72) CHERRY, David, J.; 5930 Westgrove Road, Dallas, TX 75248 (US).

(74) WRIGHT, Thomas, C. et al. / etc.; Gardere Wynne Sewell LLP, 1601 Elm Street, Suite 3000, 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 D03D 15/00, 15/12, A41D 31/00

(11) WO 02/086213 (13) A1

(21) PCT/BE01/00068

(22) 19 Apr/avr 2001 (19.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BASALT CONTAINING FABRIC
• ETOFFE CONTENANT DU BASALTE

(71) GROEP MASUREEL VEREDELING [BE/BE]; Zuidstraat 18, B-8560 Wevelgem (BE).

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

(72, 75) DEGROOTE, Karel [BE/BE]; Keiberg 51, B-8552 Zwevegem (BE).

(74) POWIS DE TENBOSSCHE, Roland et al. / etc.; c/o Cabinet Bede S.A., Boulevard Lambert 140, B-1030 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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).

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 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

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

(s) for the following designations / pour les désignations suivantes : 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 GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ D03D 51/18

(11) WO 02/086214 (13) A2

(21) PCT/BE02/00057

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 20010274 20 Apr/avr 2001 BE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPTIMIZING A TEXTILE PRODUCTION PROCESS AND DEVICES APPLYING THIS METHOD

• PROCEDE RELATIF A L'OPTIMISATION D'UN PROCESSUS DE PRODUCTION TEXTILE ET DISPOSITIFS CORRESPONDANTS

(71) PICANOL N.V., NAAMLOZE VENNOOTSCHAP [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).

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

(72, 75) VERGOTE, Filip [BE/BE]; Ieperstraat 326, B-8930 Menen (BE). ROUZERE, Antony [BE/BE]; Rozestraat 20, B-8980 Passendale (BE). PEETERS, Jozef [BE/BE]; Bukkersstraat 32, B-8900 Ieper (BE).

(74) DONNE, E.; Bureau M.F.J. Bockstael nv., Arenbergstraat 13, B-2000 Antwerpen (BE).

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

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

ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D04B 1/00

(11) WO 02/086215 (13) A1

(21) PCT/FR02/01376

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05445 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • KNITTED ARTICLE HAVING AT LEAST LOCALLY A WEFT-KNITTED STRUCTURE AND KNITTING METHOD

• ARTICLE TRICOTE AYANT AU MOINS LOCALEMENT UNE STRUCTURE TRAMEE ET PROCEDE DE TRICOTAGE

(71) TERROT [FR/FR]; 96, boulevard de Sébastopol, F-75003 Paris (FR).

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

(72, 75) GELRUBIN, Michel [FR/FR]; 74, avenue Paul Doumer, F-75016 Paris (FR). BRUELEMANS, Karel [FR/FR]; Lieu-dit St-Albin, Chemin de la Longue Ruelle, F-60310 Thiescourt (FR).

(74) NONY & ASSOCIES; 3, rue de Penthièvre, 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 D04B 15/82

(11) WO 02/086216 (13) A1

(21) PCT/JP02/03605

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-117394 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NEEDLE SELECTOR FOR KNITTING MACHINE, AND NEEDLE SELECTING MODULE FINGER

• DETECTEUR D'AIGUILLE POUR MACHINE A TRICOTER, ET DOIGT DE MODULE DE SELECTION D'AIGUILLE

(71) WAC DATA SERVICE KABUSHIKI KAISHA [JP/JP]; 2-12-8, Nishimizuhodai, Fujimi-shi, Saitama 354-0018 (JP). NIHON BALLUFF KABUSHIKI KAISHA [JP/JP];

Verde Bldg., 2-3, Kandasudacho, Chiyoda-ku, Tokyo 101-0041 (JP).

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

(72, 75) WATANABE, Kazuhisa [JP/JP]; c/o WAC DATA SERVICE KABUSHIKI KAISHA, 2-12-8, Nishimizuhodai, Fujimi-shi, Saitama 354-0018 (JP). IIDA, Nobuo [JP/JP]; 922-2, Itai, Konan-machi, Osato-gun, Saitama 360-0105 (JP).

(74) OHTSUKA, Yasunori; 7th FL. SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 102-0094 (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 D04H 13/00

(11) WO 02/086217 (13) A1

(21) PCT/US02/12077

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,335 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DURABLE NONWOVEN GARMENT EXHIBITING RECOVERABLE EXTENSIBILITY

• VETEMENT NON TISSE DE LONGUE DURABILITE PRESENTANT DES PROPRIETES D'EXTENSIBILITE ET DE REPRISE

(71) POLYMER GROUP INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) DIAZ DE LEON, Sergio; 120 Torrey Pines, Clayton, NC 27520 (US). BAKER, Lisa; 436 Frontier Drive, Lexington, NC 27292-0705 (US).

(74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, Citicorp Center, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 D06F 37/02

(11) WO 02/086218 (13) A1

(21) PCT/KR02/00744

(22) 23 Apr/avr 2002 (23.04.2002)

(25) ko (26) en

(30) 2001/22009 24 Apr/avr 2001 KR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WASHING MACHINE

• MACHINE A LAVER

(71, 72) HONG, Jong-Soo [KR/KR]; Lucky Apt. 101-1301, Ongnyon-dong, Yonsu-ku, 406-771 Incheon Metropolitan City (KR).

(74) KIM, Young-Chul; #303 New Seoul Building, 828-8 Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) CA CN JP 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 D06F 39/00, G09F 9/00, A47L 15/46

(11) WO 02/086219 (13) A1

(21) PCT/EP02/03870

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 17 905.7 10 Apr/avr 2001 DE (10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HOUSEHOLD APPLIANCE WITH A DISPLAY DEVICE

• APPAREIL MENAGER POURVU D'UN DISPOSITIF D'AFFICHAGE

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Hochstr. 17, 81669 München (DE).

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

(72, 75) REITMEIER, Willibald [DE/DE]; Forstberggring 9, Hemau 93155 (DE). MAGER, Gerhard [DE/DE]; Breslauer Str. 32, 90556 Cadolzburg (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Hochstrasse 17, 81669 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 D06F 58/20

(11) WO 02/086220 (13) A1

(21) PCT/GB02/01890

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0110130.2 24 Apr/avr 2001 GB (24.04.2001)

(30) 0113163.0 31 May/mai 2001 GB (31.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLOTHES DRYER

• SECHE-LINGE

(71) DYSON LIMITED [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

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

(72, 75) SHARDLOW, Andrew, Michael [GB/GB]; 4 Sycamore Court, St Arvans, Chepstow, Gwent NP16 6EB (GB).

(74) GIBSON, Stewart, Harry; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

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

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 81/04

(11) WO 02/086221 (13) A1

(21) PCT/EP02/03508

(22) 28 Mar/mar 2002 (28.03.2002)

(25) de (26) de

(30) 101 16 607.9 3 Apr/avr 2001 DE
(03.04.2001)

(30) 101 37 126.8 30 Jul/juil 2001 DE
(30.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IRONING BOARD

• PLANCHE A REPASSER

(71) ALFRED KÄRCHER GMBH & CO.
[DE/DE]; Alfred-Kärcher-Strasse 28-40,
71364 Winnenden (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) FALAPPI, Fulvio [IT/IT]; Via Mazzini,
129, 25020 Flero (IT).

(74) KARRAIS, Martin et al. / etc.; Hoeger,
Stellrecht & Partner, Umlandstrasse 14c,
70182 Stuttgart (DE).

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

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

Published / Publiée : (c)

(51)⁷ D06L 1/02, C11D 7/50, B08B 7/00

(11) WO 02/086222 (13) A1

(21) PCT/US02/12239

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/843,103 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLEANING SYSTEM UTILIZING AN
ORGANIC CLEANING SOLVENT AND
A PRESSURIZED FLUID SOLVENT

• SYSTEME DE NETTOYAGE UTILI-
SANT UN SOLVANT DE NETTOYAGE
ORGANIQUE ET UN SOLVANT LI-
QUIDE SOUS PRESSION

(71, 72) SCHULTE, James, E. [US/US]; 3715
South Austin Boulevard, Cicero, IL 60650
(US). RACETTE, Timothy, L. [US/US]; 505

Ottoman Street, Plainsfield, IL 60164 (US).
DAMASO, Gene, R. [US/US]; 307 S. 45th
Avenue, Northlake, IL 60164 (US).

(74) STEGER, Steven, G.; Mayer, Brown, Rowe
& Maw, P.O. Box 2828, Chicago, IL 60090-
2828 (US).

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

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

Published / Publiée : (c)

(51)⁷ D06L 1/02, C11D 7/50, B08B 7/00

(11) WO 02/086223 (13) A1

(21) PCT/US02/12304

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,849 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLEANING SYSTEM UTILIZING AN
ORGANIC CLEANING SOLVENT AND
A PRESSURIZED FLUID SOLVENT

• SYSTEME DE NETTOYAGE FAISANT
APPEL A UN SOLVANT DE NET-
TOYAGE ORGANIQUE ET A UN SOL-
VANT FLUIDE PRESSURISE

(71, 72) DAMASO, Gene, R. [US/US]; 307 S.
45th Avenue, Northlake, IL 60164 (US).
SCHULTE, James, E. [US/US]; 3715 South
Austin Boulevard, Cicero, IL 60650 (US).
RACETTE, Timothy, L. [US/US]; 505 Ot-
toman Street, Plainsfield, IL 60164 (US).

(74) STEGER, Steven, G.; Mayer, Brown, Rowe
& Maw, P.O. Box 2828, Chicago, IL 60090-
2828 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 11/38, D03D 15/00

(11) WO 02/086224 (13) A1

(21) PCT/JP02/03455

(22) 5 Apr/avr 2002 (05.04.2002)

(25) ja (26) ja

(30) 2001-122110 20 Apr/avr 2001 JP
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TEXTILES, AND PRODUCTION
METHOD THEREFOR

• TEXTILES, ET PROCEDE DE PRO-
DUCTION

(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)*

(71, 72) UEDA, Yoshiharu [JP/JP]; c/o
Toho Textile Co., Ltd., 4-9, 4-chome,
Fushimi-machi, Chuo-ku, Osaka-shi, Os-
aka 541-8519 (JP).

(only for / seulement pour US)

(74) TAKAHATA, Yasuyo; Room 1004, Maison-
Sunshine, 1-4, Higashi-Ikebukuro 3-chome,
Toshima-ku, Tokyo 170-0013 (JP).

(81) CA CN JP 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 D06M 15/00

(11) WO 02/086225 (13) A2

(21) PCT/US02/12166

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 60/286,385 24 Apr/avr 2001 US
(24.04.2001)

(30) 10/123,341 15 Apr/avr 2002 US
(15.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EMULSION POLYMERIZED ACRY-
LATED SILICONE COPOLYMER FOR
WRINKLE REDUCTION

• COPOLYMER DE SILICONE EN
EMULSION POLYMERISEE ACRYLA-
TEE POUR REDUIRE LES PLIS

(71) CROMPTON CORPORATION [US/US];
199 Benson Road, Middlebury, CT 06749
(US).

(72) TULLY, Jo, Anne; 43 Glen Ridge Road,
Mahopac, NY 10541 (US). SILVESTRE,
Emie; 44 Park Avenue #55, Yonkers, NY
10703 (US).

(74) DILWORTH, Michael, P.; Crompton Cor-
poration, 199 Benson Road, Middlebury, CT
06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN 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 D06M 15/693, C08J 5/06, C08L 71/03

(11) WO 02/086226 (13) A1

(21) PCT/JP02/03332

(22) 3 Apr/avr 2002 (03.04.2002)

(25) ja (26) ja

(30) 2001-119004 **18 Apr/avr 2001** JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TREATING AGENT, CORD FOR RUBBER REINFORCEMENT, AND RUBBER PRODUCT

• AGENT DE TRAITEMENT, CORDE POUR RENFORT DE CAOUTCHOUC ET PRODUIT EN CAOUTCHOUC

(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) KAWAGUCHI, Satoru [JP/JP]; c/o 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) 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 D06M 17/04

(11) WO 02/086227 (13) A1

(21) PCT/KR02/00757

(22) 24 Apr/avr 2002 (24.04.2002)

(25) ko (26) en

(30) 2001/22010 **24 Apr/avr 2001** KR
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMBINED FABRIC OF NET FABRIC AND NON-WOVEN FABRIC FOR NET LACE

• TISSU CONTRECOLLE CONSTITUE D'UN TRICOT FILET ET D'UN TEXTILE NON TISSE POUR DENTELLE MECANIQUE

(71) TEX-TECH CO., LTD. [KR/KR]; San 12-17, Yami-ri, Youngbuk-myun, Pochun-gun, Gyeonggi-do 487-891 (KR).

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

(72, 75) SHIN, Jae-kyun [KR/KR]; 188-7, Yami-ri, Youngbuk-myun, Pochun-gun, Gyeonggi-do 487-891 (KR).

(74) CHOI, Duk kyu; 5th Floor Chunwoo Bldg., 736 Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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

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

Published / Publiée : (c)

(51)⁷ D21B 1/02

(11) WO 02/086228 (13) A1

(21) PCT/US02/12645

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,722 **23 Apr/avr 2001** US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PRODUCING PULP AND ENERGY FROM GRASSLAND CROPPING SYSTEMS

• PROCEDE PERMETTANT LA PRODUCTION DE PULPE ET D'ENERGIE A PARTIR DE SYSTEMES DE CULTURE D'HERBAGES

(71, 72) BRANSBY, David, I. [US/US]; 2668 Wire Road, Auburn, AL 36832 (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 D21B 1/32

(11) WO 02/086229 (13) A1

(21) PCT/SE02/00773

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,235 **23 Apr/avr 2001** US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRODUCTION OF FIBER SUSPENSION FROM WASTE PAPER

• PRODUCTION D'UNE SUSPENSION DE FIBRES A PARTIR DE VIEUX PAPIERS

(71) JLR PULPING SYSTEMS AB [SE/SE]; Svartviksslingan 11, S-167 38 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELIN, Roland [SE/SE]; Svartviksslingan 11, S-167 38 Bromma (SE).

(74) HAGSTRÖM, L. et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

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

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

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

Published / Publiée : (c)

(51)⁷ D21C 9/08, D21H 21/02

(11) WO 02/086230 (13) A1

(21) PCT/US02/12534

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,259 **20 Apr/avr 2001** US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RAPID TRIGLYCERIDE ASSAY FOR USE IN PULP PITCH CONTROL

• DOSAGE RAPIDE DES TRIGLYCERIDES DESTINE AU CONTROLE DES POIX DE PATE

(71) ENZYMATIC DEINKING TECHNOLOGIES, LLC [US/US]; 5305 Oakbrook Parkway, Norcross, GA 30093 (US).

(72) JIANG, Chengliang; 2173 Soque River Drive, Duluth, GA 30097 (US). WANG, Xiang, H.; 12630 Oxfordshire Court, Alpharetta, GA 30005 (US). YEZZI, Robin, M.; 2512 Haddenham Lane, Smyrna, GA 30082 (US). TAUSCHKE, James, G.; 1001 Defoors Mill Drive, Atlanta, GA 30318 (US).

(74) KING, Kevin, W. 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).

(51)⁷ D21F 1/00

(11) WO 02/086231 (13) A1

(21) PCT/EP01/04611

(22) 24 Apr/avr 2001 (24.04.2001)

(25) de (26) de

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MATERIAL BELT FOR A PAPER MACHINE
• SANGLE TISSEE POUR MACHINE A PAPIER

(71) MÜHLEN SOHN GMBH & CO. [DE/DE]; Lindenstrasse 16/1, 89134 Blaustein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIRZELE, Armin [DE/DE]; Hafengasse 1, 89073 Ulm (DE).

(74) WASMUTH, Rolf et al. / etc.; Menzelstrasse 40, 70192 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 D21F 1/00
 (11) WO 02/086232 (13) A1
 (21) PCT/EP01/04612
 (22) 24 Apr/avr 2001 (24.04.2001)
 (25) de (26) de
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • WOVEN BELT FOR A PAPER MACHINE
 • SANGLE TISSEE POUR MACHINE A PAPIER
 (71) MÜHLEN SOHN GMBH & CO. [DE/DE]; Lindenstrasse 16/1, 89134 Blaustein (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BIRZELE, Armin [DE/DE]; Hafengasse 1, 89073 Ulm (DE).
 (74) WASMUTH, Rolf et al. / etc.; Menzelstrasse 40, 70192 Stuttgart (DE).
 (81) CN JP KR US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ D21F 1/00, 1/66
 (11) WO 02/086233 (13) A1
 (21) PCT/FI02/00311
 (22) 12 Apr/avr 2002 (12.04.2002)
 (25) fi (26) en
 (30) 20010830 23 Apr/avr 2001 FI (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD AND PROCESS ARRANGEMENT IN THE SHORT CIRCULATION OF A PAPER MACHINE
 • ENSEMBLE DE PROCESSUS DE CIRCULATION COURTE D'UNE MACHINE A PAPIER
 (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HIETANIEMI, Matti [FI/FI]; Koskenkuja 3 C 29, FIN-40200 JYVÄSKYLÄ (FI).
 (74) FORSSÉN & SALOMAA OY; Eerikinkatu 2, FIN-00100 HELSINKI (FI).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21F 5/00
 (11) WO 02/086234 (13) A1
 (21) PCT/US02/06440
 (22) 4 Mar/mar 2002 (04.03.2002)
 (25) en (26) en
 (30) 09/839,875 20 Apr/avr 2001 US (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • IMPROVED SYSTEMS FOR TISSUE DRIED WITH METAL BANDS
 • SYSTEMES AMELIORES POUR TISSU SECHE AVEC DES BANDES METALLIQUES
 (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
 (72) LINDSAY, Jeffrey, Dean; 20 Diane Lane, Appleton, WI 54915 (US). LARSON, Kenneth, Curtis; 1500 S. Weimar Street, Appleton, WI 54915 (US). GOERG, Charles, Herbert; 2253 Roselawn Drive, Appleton, WI 54914 (US). MCFARLAND, Timothy, Maurice; 744 Yorkshire Road, Neenah, WI 54956 (US). HERMANS, Michael, Alan; 1154 Park Village Drive, Neenah, WI 54956 (US). BEUTHER, Paul, Douglas; 1470 Jacobsen Road, Neenah, WI 54956 (US). SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US).
 (74) CHARLIER, Patricia, A. et al. / etc.; KIMBERLY-CLARK WORLDWIDE, INC., 401 N. Lake Street, Neenah, WI 54956 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
-
- (51) D21F 5/18, F26B 13/16
 (11) WO 02/086235 (13) A1
 (21) PCT/EP02/02238
 (22) 1 Mar/mar 2002 (01.03.2002)
-
- (25) de (26) de
 (30) 101 11 335.8 8 Mar/mar 2001 DE (08.03.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DRUM DEVICE WITH PERMEABLE DRUM JACKET AND WIRE GAUZE MOUNTED THEREON UNDER PRE-TENSION
 • DISPOSITIF A TAMBOUR COMPORTANT UNE ENVELOPPE DE TAMBOUR PERMEABLE ET UNE GAZE METALLIQUE TENDUE
 (71) FLEISSNER GMBH & CO. MASCHINENFABRIK [DE/DE]; Wolfsgartenstr. 6, 63329 Egelsbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FLEISSNER, Gerold [CH/CH]; Bahnhofstr. 2, CH-6300 Zug (CH).
 (74) NEUMANN, Gerd; Albert-Schweitzer-Str. 1, 79589 Binzen (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 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 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 D21G 3/00
 (11) WO 02/086236 (13) A1
 (21) PCT/US02/10955
 (22) 9 Apr/avr 2002 (09.04.2002)
 (25) en (26) en
 (30) 09/841,406 24 Apr/avr 2001 US (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • REMOVABLE DOCTOR BLADE HOLDER
 • SUPPORT DE RACLE AMOVIBLE
 (71) KADANT WEB SYSTEMS INC. [US/US]; 35 Sword Street, Auburn, MA 01501-0269 (US).
 (72) BRAUNS, Allen, J.; 1 Woodside Circle, Sturbridge, MA 01566 (US). REID, Robert, A.; 13 Stevens Park Road, Charlton City, MA 01508 (US). GOODNOW, Ronald, F.; 6 Fairview Drive, Leicester, MA 01524 (US).
 (74) GAUTHIER, Maurice, E. et al. / etc.; Samuels, Gauthier & Stevens LLP, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 **D21G 3/00**
- (11) **WO 02/086237** (13) A1
(21) PCT/US02/11036
(22) **10 Apr/avr 2002 (10.04.2002)**
(25) en (26) en
(30) 60/284,453 **18 Apr/avr 2001 US (18.04.2001)**
(30) 10/109,449 **28 Mar/mar 2002 US (28.03.2002)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DOCTOR BLADE HOLDER
• SUPPORT DE LAME DE DOCTEUR
- (71) **KADANT WEB SYSTEMS INC.** [US/US];
35 Sword Street, Auburn, MA 01501 (US).
- (72) **GOODNOW, Ronald, F.**; 6 Fairview Drive,
Leicester, MA 01524 (US). **REID, Robert,**
A.; 13 Stevens P.K. Road, Charlton City, MA
01508 (US). **BRAUNS, Allen, J.**; 1 Woodside
Circle, Sturbridge, MA 01566 (US).
- (74) **GAUTHIER, Maurice, E.** et al. / etc.;
Samuels, Gauthier & Stevens, LLP, Suite
3300, 225 Franklin Street, Boston, MA
02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR 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 UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 17/69, 11/16**
- (11) **WO 02/086238** (13) A1
(21) PCT/FI02/00343
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) fi (26) en
(30) 20010849 **24 Apr/avr 2001 FI (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • FILLER AND A PROCESS FOR THE
PRODUCTION THEREOF
• CHARGE ET SON PROCEDE DE PRO-
DUCTION
- (71) **M-REAL OYJ** [FI/FI]; Revontulentie 6,
FIN-02100 Espoo (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **AHO, Outi** [FI/FI]; Mechelininkatu
12-14 C 86, FIN-00100 Helsinki (FI). **SILE-
NIUS, Petri** [FI/FI]; Raitapurontie 57,
FIN-08500 Lohja as. (FI). **PITKÄNEN,
Maija** [FI/FI]; Käsälä 4 as 6, FIN-40250
Jyväskylä (FI). **HIETANEN, Soili** [FI/FI];
Hannuksenkujä 3 A, FIN-02270 Espoo (FI).
- (74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-
00180 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **E01D 11/00**
- (11) **WO 02/086241** (13) A1
(21) PCT/KR02/00601
(22) **4 Apr/avr 2002 (04.04.2002)**
(25) ko (26) en
(30) 2001/20799 **18 Apr/avr 2001 KR (18.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • BUILDING CONSTRUCTION
METHOD USING PLANE LATTICE
TYPED CABLE STRUCTURE
• PROCEDE DE CONSTRUCTION DE
BATIMENT UTILISANT UNE STRUC-
TURE PLANE DE CABLES CROISES
- (71, 72) **LEE, Jong-Ho** [KR/KR]; 1579-6,
Bongcheon 4-dong, Gwanak-gu, Seoul
151-847 (KR).
- (74) **KOH, Young-Hoe**; Sanwoo Bldg. 4th Floor,
1543-11, Seocho-dong, Seocho-gu, 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).
-
- (51)⁷ **E01F 15/14**
- (11) **WO 02/086242** (13) A1
(21) PCT/EP01/13242
(22) **15 Nov/nov 2001 (15.11.2001)**
(25) de (26) de
(30) 101 20 076.5 **24 Apr/avr 2001 DE (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • TERMINAL FOR BARRIER SYS-
TEMS FROM STEEL PROFILES THAT
ARE ARRANGED ALONG TRAFFIC
ROUTES
- Declaration / Déclaration :
(t) for all designations / pour toutes les
désignations
-
- (51)⁷ **E01C 9/08**
- (11) **WO 02/086240** (13) A1
(21) PCT/GB02/01894

- ENSEMBLE TERMINAL POUR SYSTEMES DE RETENUE EN PROFILS D'ACIER DISPOSES LATERALEMENT SUR DES ARTERES DE COMMUNICATION
- (71) SPS SCHUTZPLANKEN GMBH [DE/DE]; Gutwerkstrasse 45, 63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) URLBERGER, Karl [DE/DE]; Gutwerkstrasse 45, 63743 Aschaffenburg (DE).
- (74) SPERLING, Rüdiger; Staeger & Sperling, Müllerstr. 3, 80469 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).
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- (51)⁷ E02D 5/02
- (11) WO 02/086243 (13) A1
- (21) PCT/RU02/00223
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) ru (26) ru
- (30) 2001110969 25 Apr/avr 2001 RU (25.04.2001)
- (30) 2001110815 25 Apr/avr 2001 RU (25.04.2001)
- (30) 2001119077 11 Jul/juil 2001 RU (11.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GROOVED SHEET PILE AND METHOD FOR PRODUCTION THEREOF
- PALPLANCHE ET PROCEDE DE FABRICATION (ET VARIANTES)
- (71, 72) FOMENKOV, Aleksandr Alekseevich [RU/RU]; ul. Mayakovskogo, 19-24, St.Petersburg, 191014 (RU).
- (72, 75) LAKOTKIN, Aleksandr Julievich [RU/RU]; Bolsheokhtinsky pr., 6-70, St.Petersburg, 195027 (RU). POTERBA, Vladimir Vasilievich [RU/RU]; Rabfakovsky 2 per., 8-4, St.Petersburg, 193012 (RU).
- (74) GRUDIN, Sergei Vasilievich; ul. Nakhimi-mova, 2/30-48, St.Petersburg, 199406 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E02F 9/00
- (11) WO 02/086244 (13) A1
- (21) PCT/JP02/02526
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) ja (26) ja
- (30) 2001-118499 17 Apr/avr 2001 JP (17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ENGINE HOOD OF CONSTRUCTION MACHINERY
- CAPOT MOTEUR DE MACHINES DE CONSTRUCTION
- (71) SHIN CATERPILLAR MITSUBISHI LTD. [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWASA, Kazumichi [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). TSUJI, Masanori [JP/JP]; c/o Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). AGAR-IHAMA, Yoshihiro [JP/JP]; c/o Seiry Engineering Co., Ltd., 1-14, Wadamiyadoori 7-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0863 (JP).
- (74) HIROSE, Tetsuo; Nakanishi Bldg. 5th Floor, 2-5-6 Nishikanda, Chiyoda-ku, Tokyo 101-0065 (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 E03B 3/28, B01D 5/00
- (11) WO 02/086245 (13) A1
- (21) PCT/RU02/00033
- (22) 4 Feb/fév 2002 (04.02.2002)
- (25) ru (26) ru
- (30) 2001110753 24 Apr/avr 2001 RU (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR EXTRACTING WATER FROM AIR AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE D'EXTRACTION D'EAU A PARTIR DE L'AIR ET DISPOSITIF CORRESPONDANT
- (71) BOYAROV, Mikhail Vladimirovich [RU/RU]; ul. Mayakovskogo, 4-6, pos. Bolshevo, Korolev, Moskovskaya obl., 141090 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ROMANOVSKY, Vladimir Fedorovich [RU/RU]; pr. Shokalskogo, 4-1-13, Moscow, 129642 (RU).
- (74) FIRM "PATENT SERVICES CENTRE"; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 E03D
- (11) WO 02/086246 (13) A2
- (21) PCT/MX02/00034
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) es (26) es
- (30) 004086 24 Apr/avr 2001 MX (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OUTFLOW TENSION VALVE FOR TOILET CISTERNS AND/OR GENERAL USE THEREOF
- ROBINET SOUS TENSION POUR LA DECHARGE DE RESERVOIRS DE WC ET/OU UTILISATIONS GENERALES
- (71) TAPIA ESPRIU, Roberto [MX/MX]; Av. Dolores Hidalgo No. 747, Cd. Industrial, Irapuato, GTO 36541 (MX).
- (74) ELIZALDE VEGA, Luis, Alberto; Callejon de Neblina No. 4, Col. Jardines del Pedregal, México, D.F. 01900 (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 E03F 5/06, E01C 11/22
- (11) WO 02/086247 (13) A1
- (21) PCT/FR02/01414
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) fr (26) fr
- (30) 01/05502 24 Apr/avr 2001 FR (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • READY-TO-INSTALL ROAD EQUIPMENT AND CORRESPONDING INSTALLATION METHOD
- EQUIPEMENT DE VOIRIE PRET A L'INSTALLATION ET PROCEDE D'INSTALLATION CORRESPONDANT
- (71) NORINCO [FR/FR]; Z.I. de Marivaux, F-60149 Saint Crepin Ibouvillers (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MONNERET, Jean-Jacques [FR/FR]; 1 Impasse des Soeurs, F-69100 Villeurbanne (FR). TIEVANT, Philippe [FR/FR]; 8 rue du maréchal Lyautey, F-95620 Parmain (FR).
- (74) BERGER, Helmut; Cabinet Weinstein, 56A, rue du Faubourg Saint-Honoré, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086248 (13) A1

(21) PCT/JP02/01976

(22) 4 Mar/mar 2002 (04.03.2002)

(25) ja (26) ja

(30) 2001-116518 16 Apr/avr 2001 JP
(16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CATCH BASIN ATTACHMENT

• DISPOSITIF POUR BOUCHE D'EGOUT

(71) IMOTO, Eiko [JP/JP]; 3-6-22, Kashitanishi, Higashiosaka-shi, Osaka 577-0835 (JP).
IMOTO, Miho [JP/JP]; 3-6-22, Kashitanishi, Higashiosaka-shi, Osaka 577-0835 (JP).
IMOTO, Susumu [JP/JP]; 3-6-22, Kashitanishi, Higashiosaka-shi, Osaka 577-0835 (JP).
IMOTO, Kazu [JP/JP]; 3-6-22, Kashitanishi, Higashiosaka-shi, Osaka 577-0835 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) IMOTO, Muneisa [JP/JP]; 3-6-22, Kashitanishi, Higashiosaka-shi, Osaka 577-0835 (JP).

(74) NISHIKAWA, Yoshiaki et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

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

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

(51)⁷ E04B

(11) WO 02/086249 (13) A2

(21) PCT/US02/10774

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 60/281,510 4 Apr/avr 2001 US
(04.04.2001)

(30) 09/886,450 21 Jun/juin 2001 US
(21.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BUILDING CONSTRUCTION AND METHOD USING TENSION SUPPORT MEMBERS

• CONSTRUCTION DE BATIMENT ET PROCEDE D'UTILISATION D'ELEMENTS DE SUPPORT DE TENSION

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) WOOH, Shi-Chang; 5 Moore Circle, Bedford, MA 01730 (US). TESTA, Peter; 9 Washington Avenue, Cambridge, MA 02140 (US).

(74) SHANSKE, Jason, D. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/32, 1/34, 1/35

(11) WO 02/086250 (13) A1

(21) PCT/JP01/03284

(22) 17 Apr/avr 2001 (17.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF CONSTRUCTING DOME, AND JIG AND CONNECTION DEVICE FOR CONSTRUCTING DOME

• PROCEDE DE CONSTRUCTION D'UN DOME, ET GABARIT ET DISPOSITIF D'ATTACHE UTILISES POUR CONSTRUIRE LE DOME

(71) NIIDUMA YOSHIMI ARCHITECT & ASSOCIATES [JP/JP]; 14-1, Arai 1-chome, Nakano-ku, Tokyo 165-0026 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIIDUMA, Yoshimi [JP/JP]; Niiduma Yoshimi Architect & Associates, 14-1, Arai 1-chome, Nakano-ku, Tokyo 165-0026 (JP).

(74) SUZUKI, Shoji et al. / etc.; Nihonseimeiyotsuya Building, 6th floor, 16-2, Samoncho, Shinjuku-ku, Tokyo 160-0017 (JP).

(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).

(51)⁷ E04B 9/14

(11) WO 02/086251 (13) A1

(21) PCT/US02/12371

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,192 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CEILING SUSPENSION WITH CABLE PATHWAY

• SUSPENSION DE PLAFOND EQUIPE DE CHEMIN DE CABLE

(71) TECHNICAL SUPPORT SERVICES INC. [US/US]; 81 Croton Avenue, Ossining, NY 10562/4297 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCLAUGHLIN, Thomas [US/US]; 407 Half Moon Bay Drive, Croton-on-Hudson, NY 10520 (US).

(74) SWEEDLER, Michael, J. 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).

(51)⁷ E04C 2/28

(11) WO 02/086252 (13) A1

(21) PCT/GB02/01803

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109800.3 20 Apr/avr 2001 GB
(20.04.2001)

(30) 0109801.1 20 Apr/avr 2001 GB
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BUILDING PLANKS AND BOARDS

• PLANCHES ET PANNEAUX DE CONSTRUCTION

(71, 72) MOORE, Barrie, Peter [GB/GB]; 25 Prideaux Road, London SW9 9LQ (GB).

(74) GALLAFENT, Richard, John; Gallafent & Co, 9 Staple Inn, London WC1V 7QH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04D 11/00, 7/00, E03B 3/02, E04D 13/04

(11) WO 02/086253 (13) A1

(21) PCT/BE02/00058

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 01870086.4 21 Apr/avr 2001 EP
(21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A DEVICE FOR COLLECTING AND
STORING WATER FROM THE ENVI-
RONMENT

• DISPOSITIF DE COLLECTE ET DE
STOCKAGE D'EAU DE L'ENVIRON-
NEMENT AMBIANT

(71, 72) DAUTZENBERG, Bert [NL/BE]; Met-
sterenweg 131, B-3800 Sint-Truiden (BE).

(74) LUYIS, Marie-José et al. / etc.; Gevers &
Vander Haeghen, Livornostraat 7, B-1060
Brussels (BE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ E04F 19/04

(11) WO 02/086254 (13) A1

(21) PCT/KR02/00342

(22) 28 Feb/fév 2002 (28.02.2002)

(25) ko (26) en

(30) 2001/21515 20 Apr/avr 2001 KR
(20.04.2001)

(30) PCT/KR01/01173 9 Jul/juil 2001 KR
(09.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STRUCTURE FOR ROUNDING A COR-
NER OF WALLS

• STRUCTURE PERMETTANT D'AR-
RONDIR UN COIN DE PAROIS

(71) BION21 INC. [KR/KR]; Euna Building, 3rd
Floor, 254-5 Yangjae-dong, Seocho-gu, Seoul
137-130 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KIM, Sang, Bum [KR/KR]; Euna
Building, 3rd Floor, 254-5 Yangjae-dong,
Seocho-gu, Seoul 137-130 (KR).

(74) KIM, Won-Joon; 305, Soohyub Bldg., 917,
Dunsan-dong, Seo-gu, Daejeon 302-828
(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 E04G 7/30

(11) WO 02/086255 (13) A1

(21) PCT/SE02/00758

(22) 17 Apr/avr 2002 (17.04.2002)

(25) sv (26) en

(30) 0101359-8 18 Apr/avr 2001 SE
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HOOK HOLDER FOR HOLDING SCAF-
FOLDING ELEMENTS TO A SCAF-
FOLD

• DISPOSITIF DE RETENUE A CRO-
CHET SERVANT A RETENIR DES
ELEMENTS D'ECHAFAUDAGE SUR
UN ECHAFAUDAGE

(71) PLUSEIGHT TECHNOLOGY AB
[SE/SE]; Box 33, S-430 63 Hindås (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WALLTHER, Harry [SE/SE]; Limmer-
hultsvägen 60, S-430 63 Hindås (SE).

(74) ANDERSSON, Per et al. / etc.; Albihns
Patentbyrå 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 E04G 21/32

(11) WO 02/086256 (13) A1

(21) PCT/AU02/00506

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) PR 4562 24 Apr/avr 2001 AU
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A MOVEABLE SCREEN

• ECRAN AMOVIBLE

(71) FORMULA ONE SELF DRIVING
SCREENS PTY LTD [AU/AU]; 20 Dev-
onshire Road, Rossmore, NSW 2171 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COX, Joseph, John [AU/AU]; Level 2,
341 King William Street, Adelaide, S.A. 5000
(AU). ROSATI, Emilio [AU/AU]; 20 Devon-
shire Road, Rossmore, NSW 2171 (AU).

(74) MADDERN; Level 1, 64 Hindmarsh
Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 4/00

(11) WO 02/086257 (13) A1

(21) PCT/GB02/01746

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 0109874.8 21 Apr/avr 2001 GB
(21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WAVE MACHINE

• GENERATEUR DE VAGUES

(71) BARR & WRAY LIMITED [GB/GB]; 324
Drumoyne Road, Glasgow G51 4DY (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CAREY, Graeme [GB/GB]; 24 Fuller-
ton Crescent, Troon KA10 6LL (GB).
AITKEN, Robert, A. [GB/GB]; Wood-
neuk Cottage, Benslie, By Kilwinning KA13
7QY (GB).

(74) KENNEDYS PATENT AGENCY LIM-
ITED; Floor 5, Queens House, 29 St. Vincent
Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 4/06

(11) WO 02/086258 (13) A1

(21) PCT/AU02/00483

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) PR4501 19 Apr/avr 2001 AU
(19.04.2001)

(30) PR4502 19 Apr/avr 2001 AU
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN EVAPORATION CONTROL DE-
VICE FOR A BODY OF WATER

• DISPOSITIF DE CONTROLE D'EVAP-
ORATION DESTINE A UNE STRUC-
TURE CONTENANT DE L'EAU

(71) SEALED AIR AUSTRALIA PTY LTD
[AU/AU]; 3 Burrows Road, Alexandria, NSW
2015 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLY, Barry, Raymond [AU/AU]; 58 Pine Street, Randwick, NSW 2031 (AU).

(74) F B RICE & CO; 605 Darling Street, P.O. Box 117, 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 E04H 4/12

(11) WO 02/086259 (13) A1

(21) PCT/FR02/01370

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05556 25 Apr/avr 2001 FR (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FILTERING METHOD FOR SWIMMING POOLS WITH WATER FLOW RATE MULTIPLYING UNIT

• PROCEDE DE FILTRATION POUR PISCINES AVEC MULTIPLICATEUR DE DEBIT D'EAU

(71, 72) QUEIREL, Joël [FR/FR]; 39, rue Jules Lebocey, F-10000 Troyes (FR).

(74) LERNER, François et al. / etc.; Lerner & Associes, 5, rue Jules Lefebvre, F-75009 Paris (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 E05B 13/00

(11) WO 02/086260 (13) A1

(21) PCT/EP02/03192

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 13 847.4 21 Mar/mar 2001 DE (21.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SECURING DEVICE

• DISPOSITIF DE FIXATION

(71) HÖRMANN KG BROCKHAGEN [DE/DE]; Horststr. 17, 33803 Steinhausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÖRMANN, Thomas, J. [DE/DE]; Am Schlaufenglan 33, 66606 St. Wendel (DE).

(74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ E05B 35/00

(11) WO 02/086261 (13) A1

(21) PCT/GB02/01716

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 0110023.9 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOCK

• SERRURE

(71) BLAKE, Margaret (heirress of the deceased inventor / héritière de l'inventeur décédé) [GB/GB]; 247 Bodium Avenue, Tuffley, Gloucester GL4 0XN (GB).

(72) BLAKE, Benjamin, John (deceased / décédé).

(74) BROOKS, Nigel; Hill Hampton, East Meon, Petersfield, Hampshire GU32 1QN (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG 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 E05C 9/06, 9/24

(11) WO 02/086262 (13) A1

(21) PCT/GR02/00025

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 20010100212 23 Apr/avr 2001 GR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TILTING MECHANISM WITH ANTI-FRICTION ELEMENTS FOR ALUMINIUM DOORS AND WINDOWS

• MECANISME D'INCLINAISON ET ELEMENTS ANTI-FROTTEMENT POUR PORTES ET FENETRES EN ALUMINIUM

(71, 72) FRAGOPOULOS, Fotis [GR/GR]; 14 Promitheos Street, GR-145 64 Nea Kifisia Attikis (GR).

(74) POLYMENAKOU-SYNODINOU, Eleftheria; 9-11, Bouboulinas Street, GR-106 82 Athens (GR).

(81) AL BG IL MK TN TR YU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ E05D 7/04

(11) WO 02/086263 (13) A1

(21) PCT/EP02/04469

(22) 24 Apr/avr 2002 (24.04.2002)

(25) de (26) de

(30) 101 20 260.1-23 25 Apr/avr 2001 DE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DOOR OR WINDOW HINGE

• CHARNIÈRE DE PORTE OU DE FENÊTRE

(71) SFS INTEC HOLDING AG [CH/CH]; Neufenstrasse 30, CH-9435 Heerbrugg (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÖSTERLE, Helmut [AT/AT]; Langäck-erweg 7, A-6800 Feldkirch (AT).

(74) LUDESCHER, Hans; SFS Gruppe, Patentabteilung, Rosenbergsaustrasse 10, CH-9435 Heerbrugg (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)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ E05D 7/08, 7/10

(11) WO 02/086264 (13) A1

(21) PCT/EP02/04452

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 19 986.4 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOUNTING AND SECURING A BAR

• SUSPENSION ET FIXATION D'UNE TIGE

(71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).

(74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

(81) CZ EE JP LT LV NO PL 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 E05D 11/06, 11/10, 5/02

(11) WO 02/086265 (13) A1

(21) PCT/EP02/04457

(22) 23 Apr/avr 2002 (23.04.2002)

- (25) de (26) de
- (30) 101 19 898.1 23 Apr/avr 2001 DE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FITTING
• FERRURE
- (71) DORMA GMBH + CO. KG. [DE/DE]; Breckerfelder Straße 42-48, 58256 Ennepetal (DE).
- (72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).
- (74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) CZ EE JP LT LV 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 E05D 15/06, A47K 3/34, E06B 3/46
- (11) WO 02/086266 (13) A1
- (21) PCT/EP02/04393
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) de (26) de
- (30) 101 20 002.1 23 Apr/avr 2001 DE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RUNNING RAIL ARRANGEMENT CONNECTED TO A FIXED PIECE OF A SLIDING DOOR
• ENSEMBLE RAIL DE ROULEMENT RELIE A UNE PARTIE FIXE D'UNE PORTE COULISSANTE
- (71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).
- (74) DORMA GMBH + CO. KG; Ginzel, Lothar, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) CZ EE JP LT LV NO PL 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 E05D 15/06, E06B 3/46
- (11) WO 02/086267 (13) A1
- (21) PCT/EP02/04429
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) de (26) de
- (30) 101 19 996.1 23 Apr/avr 2001 DE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • UNIVERSAL GUIDING DEVICE FOR SLIDING DOORS IN A PIECE OF FURNITURE
• DISPOSITIF DE GUIDAGE UNIVERSEL POUR PORTES COULISSANTES D'UN MEUBLE
- (71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).
- (74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) CZ EE JP LT LV NO PL 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 E05D 15/06
- (11) WO 02/086268 (13) A1
- (21) PCT/EP02/04453
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) de (26) de
- (30) 101 19 995.3 23 Apr/avr 2001 DE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FIXING ELEMENT FOR FIXING A GUIDE RAIL FOR SLIDING DOORS
• ELEMENT DE RETENUE DESTINE A RETENIR UN RAIL DE GUIDAGE POUR PORTES COULISSANTES
- (71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).
- (74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) CZ EE JP LT LV NO PL 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 E05D 15/38, E05F 15/16, E05D 15/24
- (11) WO 02/086269 (13) A1
- (21) PCT/HU02/00031
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) U0100103 19 Apr/avr 2001 HU
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPACT, HIGHLY PREASSEMBLED, SECTIONED DOORS AND GATES
• PORTES ET PORTAILS SEGMENTES, PRE-ASSEMBLES ET COMPACTS
- (71, 72) KISS, József [HU/HU]; Mihály u. 15, H-2120 Dunakeszi (HU).
- (72) SPADONE, Jean-Pierre; Zone Industrielle, P.O. Box 10, F-70290 Champagny (FR).
- (74) KORMOS, Ágnes; Váci út 78/b, H-1133 Budapest (HU).
- (81) AE AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ 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 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 (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 MG MK MN MW MX MZ NO NZ 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 TR (Utility model / modèle d'utilité) TT (Utility model / modèle d'utilité) UA (Utility model / modèle d'utilité) UG UZ (Utility model / modèle d'utilité) VN (Utility model / modèle d'utilité) YU ZA ZW.
- (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 E05F 15/12, E05D 15/58
- (11) WO 02/086271 (13) A1
- (21) PCT/EP02/03188
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de

- (30) 101 13 784.2 **21 Mar/mar 2001** DE
(21.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WINDOW OR DOOR STRUCTURE
• STRUCTURE DE FENETRE OU DE PORTE
- (71) MICRO MECHATRONIC TECHNOLOGIES AG [DE/DE]; Eiserfelder Str. 316, 57080 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEMPELMANN, Willi [DE/DE]; Rübtinghauser Str. 27, 57426 Olpe (DE).
- (74) ZUMSTEIN, F. et al. / etc.; Bräuhäusstrasse 4, 80331 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).

Published / Publiée : (c)

- (51)⁷ E05F 15/16, E05D 13/00
- (11) WO 02/086272 (13) A1
- (21) PCT/US02/13159
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 09/842,301 **25 Apr/avr 2001** US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • EXTENSION SPRING COUNTERBALANCE SYSTEM
• SYSTEME D'EQUILIBRAGE D'UN RESSORT D'EXTENSION
- (71) WAYNE-DALTON CORP. [US/US]; One Door Drive, P.O. Box 67, Mt. Hope, OH 44660 (US).
- (72) MULLET, Willis, J.; 1318 Soundview Trail, Gulf Breeze, FL 32561 (US).
- (74) KENNER, Phillip, L. et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, First National Tower, Fourth Floor, Akron, OH 44314-1456 (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 E06B
- (11) WO 02/086273 (13) A2
- (21) PCT/US02/13046
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,472 **25 Apr/avr 2001** US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MOVABLE BARRIER OPERATION HAVING CABLE TENSION SENSOR AND DOOR LOCK MECHANISM
• ACTIONNEMENT D'UNE BARRIERE MOBILE DOTEE DE CAPTEUR DE TENSION DE CABLE ET DE MECANISME DE VERROUILLAGE DE PORTE
- (71) THE CHAMBERLAIN GROUP, INC. [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).
- (72) MCCARTNEY, Phillip, A.; 4790 Town Hall Road, Belvidere, IL 61008 (US). DUTKA, Robert, E.; 904 Evergreen Avenue, Glen Ellyn, IL 60137 (US). GAVEL, Andrew; 56 Soundview Drive, Huntington Bay, New York 11743 (US). CHEN, William; 42-05 Forley Street, Elmhurst, New York 11373 (US). OLMSTED, Robert, J.; 161 Louise Court, Wood Dale, IL 61008 (US).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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
- (11) WO 02/086274 (13) A1
- (21) PCT/SG02/00067
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 200102247-4 **23 Apr/avr 2001** SG
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FIRE-RESISTANT DOORS AND FRAMES THEREFOR
• PORTES IGNIFUGES ET DORMANTS DESTINES A CES PORTES
- (71) TIEW, Kek Lian, Winnie [SG/SG]; Block 208, Toa Payoh North, #15-1271, Singapore 310208, 310208 Singapore (SG). OEN, Boon Kim, Eugene [SG/SG]; Block 445, Ang Mo Kio Ave 10, #10-1625, Singapore 560445, 560445 Singapore (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TIEW, Kek Chin, Philip [SG/SG]; Block 208, Toa Payoh North, #15-1271, Singapore 310208, 310208 Singapore (SG).
- (74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01, Robinson Point, Singapore 068911, 068911 Singapore (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E06C 7/48
- (11) WO 02/086275 (13) A1
- (21) PCT/AU02/00515
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) PR 4544 **24 Apr/avr 2001** AU
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LADDER SUPPORT BRACKET
• PALIER DE SUPPORT POUR ECHELLE
- (71, 72) POLDMAA, Arvo [AU/AU]; 16 Moola Street, Hawks Nest, NSW 2324 (AU).
- (74) CHRYSILIOU, Kerry et al. / etc.; Chrysil-iou Law, 143 Sydney Road, Fairlight, NSW 2094 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086276 (13) A2
- (21) PCT/EP02/04549
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,156 **24 Apr/avr 2001** US
(24.04.2001)
- (30) 60/337,059 **24 Oct/oct 2001** US
(24.10.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IN SITU RECOVERY FROM A TAR SANDS FORMATION
• RECUPERATION IN SITU A PARTIR DE FORMATIONS DE SABLES ASPHALTIQUES
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA)
- (71) SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)
- (72) CRANE, Steven, Dexter; 2610 Spring Lake Drive, Richardson, TX 75082 (US). DIN-DORUK, Meliha, Deniz, Sumnu; 13011

- Fox Brush Lane, Houston, TX 77041 (US). **KARANIKAS, John, Michael**; Apartment 302, 4655 Wild Indigo Street, Houston, TX 77027 (US). **MAHER, Kevin, Albert**; 5106 Huisache Street, Bellaire, TX 77401 (US). **MESSIER, Ann, Margaret**; 1404 4a Street N.W., Calgary, Alberta T2M 3A9 (CA). **DE ROUFFIGNAC, Eric**; 4040 Ruskin Street, Houston, TX 77005 (US). **VINEGAR, Harold, J.**; 5219 Yarwell, Houston, TX 77096 (US). **WELLINGTON, Scott, Lee**; 5109 Aspen Street, Bellaire, TX 77401 (US). **ZHANG, Etuan**; 5425 Loch Lomond Drive, Houston, TX 77096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **E21B**
- (11) **WO 02/086277** (13) A2
- (21) PCT/US02/12287
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/286,134 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR ENHANCING PRODUCTION ALLOCATION IN AN INTEGRATED RESERVOIR AND SURFACE FLOW SYSTEM
- PROCEDE POUR AMELIORER L'ALLOCATION DE LA PRODUCTION DANS UN SYSTEME INTEGRE A RESERVOIRS ET INSTALLATIONS DE SURFACE
- (71) **EXXONMOBIL UPSTREAM RESEARCH COMPANY** [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).
- (72) **MIDDYA, Usuf**; 4702 Schiller Park Lane, Sugar Land, TX 77479 (US).
- (74) **LAWSON, Gary, D.** 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 all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ **E21B 7/06**
- (11) **WO 02/086278** (13) A1
- (21) PCT/EP02/04516
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) en (26) en
- (30) 01303703.1 **23 Apr/avr 2001 EP (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF DRILLING AN ULTRA-SHORT RADIUS BOREHOLE
- PROCEDE POUR REALISER UN TROU DE FORAGE D'UN RAYON TRES PETIT
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA US)
- (71) **SHELL CANADA LIMITED** [CA/CA]; 400, 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)
- (72, 75) **KRIESELS, Petrus, Cornelis** [NL/NL]; Schepersmaat 2, NL-9405 TA Assen (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).
- Published / Publiée : (c)
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- (51)⁷ **E21B 19/16, 31/20, 19/02**
- (11) **WO 02/086279** (13) A1
- (21) PCT/CA02/00519
- (22) **16 Apr/avr 2002 (16.04.2002)**
- (25) en (26) en
- (30) 0109586.8 **19 Apr/avr 2001 GB (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS FOR RUNNING TUBULARS INTO A BOREHOLE
- APPAREIL D'ACHEMINEMENT DE MATERIEL TUBULAIRE
- (71) **TESCO CORPORATION** [CA/CA]; 6204 - 6A Street SE, Calgary, Alberta T2H 2B7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **APPLETON, Robert, Patrick** [NZ/GB]; Glenburn House, Tornaveen by Banchor, Aberdeen, Central Scotland AB31 4NY (GB).
- (74) **CALDWELL, Roseann, B.**; BENNETT JONES LLP, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta T2P 4K7 (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).
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- (51)⁷ **E21B 21/06, B01D 17/04, C10G 33/04**
- (11) **WO 02/086280** (13) A1
- (21) PCT/US02/13171
- (22) **24 Apr/avr 2002 (24.04.2002)**
- (25) en (26) en
- (30) 60/286,236 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF RECYCLING WATER CONTAMINATED OIL BASED DRILLING FLUID
- PROCEDE PERMETTANT DE RECYCLER UN FLUIDE DE FORAGE A BASE D'HUILE CONTAMINEE PAR DE L'EAU
- (71) **M-I L.L.C.** [US/US]; 5950 North Course Drive, Houston, TX 77072 (US).
- (72) **MUELLER, Frank, Manfred, Franz**; Fjellstollevein 6, N-4027 Stavanger (NO).
RUDOLPH, Juergen; * (**).
- (74) **AUERBACH, Robert, 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).
- Published / Publiée : (c)
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- (51)⁷ **E21B 33/126, 33/12**
- (11) **WO 02/086281** (13) A1
- (21) PCT/GB02/01757
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 0109587.6 **19 Apr/avr 2001 GB (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • DOWNHOLE CUP PACKER
• GARNITURE DE FOND DE TROU
- (71, 72) APPLETON, Robert, Patrick [NZ/GB]; Glenburn House, Tornaveen, By Banchory, Aberdeen AB31 4NY (GB).
- (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 E21B 34/10, 29/08
- (11) WO 02/086282 (13) A1
- (21) PCT/US02/05490
- (22) 25 Feb/fév 2002 (25.02.2002)
- (25) en (26) en
- (30) 09/838,604 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WIRELINE RETRIEVABLE SAFETY VALVE WITH RADIAL CUTTING DEVICE
• SOUPAPE DE SURETE RECUPE-RABLE POUR CABLE METALLIQUE MUNIE D'UN DISPOSITIF DE DE-COUPPE RADIAL
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 2601 Beltline Road, Carrollton, TX 75006-5401 (US).
- (72) DENNISTOUN, Stuart, M.; 1610 Mission Ridge Trail, Carrollton, TX 75007 (US). SMITH, Roddie, Robert; 13627 Waverly Crest Ct., Cypress, TX 77429 (US). GAZDA, Imre, I.; 1901 Keller-Hicks Road, Fort Worth, TX 76177 (US).
- (74) YOUST, Lawrence, R.; Smith, Danamraj & Youst, P.C., 12900 Preston Road, Suite 1200, LB-15, Dallas, TX 75230-1328 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 E21B 36/02, 43/24
- (11) WO 02/086283 (13) A1
- (21) PCT/EP01/11730
- (22) 10 Oct/oct 2001 (10.10.2001)
- (25) en (26) en
- (30) PCT/EP01/04641 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IN-SITU COMBUSTION FOR OIL RECOVERY
• COMBUSTION IN-SITU POUR LA RECUPERATION DE PETROLE
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA)
- (71) SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)
- (72) COLES, John, Matthew; 703 Park Meadow Drive, Katy, TX 77450 (US). KARANIKAS, John, Michael; 4655 Wild Indigo, Apt 302, Houston, TX 77027 (US). MENOTTI, James, Louis; 1810 Caroline Street, Dickinson, TX 77539 (US). DE ROUFFIGNAC, Eric; 4040 Ruskin Street, Houston, TX 77005 (US). VINEGAR, Harold, J.; 519 Yarwell, Houston, TX 77096 (US). WELLINGTON, Scott, Lee; 5109 Aspen Street, Bellaire, TX 77401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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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- (51)⁷ E21B 36/04, 43/24
- (11) WO 02/086284 (13) A1
- (21) PCT/EP01/11819
- (22) 11 Oct/oct 2001 (11.10.2001)
- (25) en (26) en
- (30) PCT/EP01/04641 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRICAL WELL HEATING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CHAUFFAGE ELECTRIQUE PAR FORAGE
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA)
- (71) SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)
- (72) BIELAMOWICZ, Lawrence, James; 5223 Chestnut Street, Bellaire, TX 77401 (US).
- CARL, Frederick, Gordon, Jr.; 8406 Edgemoor, Houston, TX 77036 (US). COLES, John, Matthew; 703 Park Meadow Drive, Katy, TX 77450 (US). KARANIKAS, John, Michael; 4655 Wild Indigo, Apt 302, Houston, TX 77027 (US). KEEDY, Charles, Robert; 5118 Danebridge Drive, Houston, TX 77084 (US). MENOTTI, James, Louis; 1810 Caroline Street, Dickinson, TX 77539 (US). DE ROUFFIGNAC, Eric; 4040 Ruskin Street, Houston, TX 77005 (US). VINEGAR, Harold, J.; 519 Yarwell, Houston, TX 77096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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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- (51)⁷ E21B 43/10, 23/01
- (11) WO 02/086285 (13) A1
- (21) PCT/GB02/01848
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 0109711.2 20 Apr/avr 2001 GB (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND METHODS FOR RADIALLY EXPANDING A TUBULAR MEMBER
• APPAREIL ET PROCEDES D'EXPANSION RADIALE D'ELEMENT TUBULAIRE
- (71) E2 TECH LIMITED [GB/GB]; Shell International B.V., P.O. Box 384, NL-2501 CJ The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MACKENZIE, Alan [GB/GB]; 2 Contlaw Place, Milltimber, Aberdeen AB13 0DS (GB).
- (74) MURGITROYD & COMPANY; 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 E21B 43/10
- (11) WO 02/086286 (13) A2
- (21) PCT/GB02/01879
- (22) 24 Apr/avr 2002 (24.04.2002)

- (25) en (26) en
- (30) 0109993.6 **24 Apr/avr 2001** GB
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF AND APPARATUS FOR CASING A BOREHOLE
• PROCEDE ET APPAREIL DE CUVE-LAGE D'UN TROU DE FORAGE
- (71) **E2 TECH LIMITED** [GB/NL]; c/o Shell International B.V., P.O. Box 384, NL-2501 CJ The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURGE, Philip, Michael** [GB/GB]; Blackchambers, Westhill, Aberdeenshire AB32 7BU (GB).
- (74) **MURGITROYD & COMPANY**; 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 **E21B 47/01, 47/04, 17/20, 19/22, 17/00**
- (11) **WO 02/086287** (13) A2
- (21) PCT/GB02/01827
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,891 **23 Apr/avr 2001** US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CONVEYING INSTRUMENTATION WITHIN A BOREHOLE
• INSTRUMENTS DE TRANSPORT DANS UN FORAGE
- (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) **NUTH, David** [CA/CA]; 3 Discovery Ridge Crt SW, Calgary, Alberta T3H 4P8 (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 AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- 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)
- (t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ **E21C 35/197**
- (11) **WO 02/086289** (13) A1
- (21) PCT/US02/09634
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 09/838,348 **19 Apr/avr 2001** US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ROTATABLE CUTTING TOOL WITH ISOLATED RETAINER STOP
• OUTIL DE COUPE ROTATIF AVEC ORGANES DE RETENUE ISOLE
- (71) **KENNAMETAL INC.** [US/US]; P. O. Box 231, 1600 Technology Way, Latrobe, PA 15650-0231 (US).
- (72) **OJANEN, Randall, W.**; 508 Crestfield Road, Bristol, TN 37620 (US).
- (74) **WELDON, Kevin, P. et al. / etc.**; Kennametal Inc., P. O. Box 231, 1600 Technology Way, Latrobe, PA 15650-0231 (US).
- (81) DE.
- Published / Publiée : (c)
-
- (51)⁷ **E21D 20/02, 11/00**
- (11) **WO 02/086290** (13) A1
- (21) PCT/AU02/00480
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) PR 4527 **20 Apr/avr 2001** AU
(20.04.2001)
- (30) PR 5504 **6 Jun/juin 2001** AU
(06.06.2001)
- (30) PR 7359 **30 Aug/août 2001** AU
(30.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INSERTER AND CAP
• ELEMENT D'INSERTION ET CAPUCHON
- (71, 72) **MCLAREN,, Matthew, David** [AU/AU]; 93 Waterford Drive, Hillarys, Western Australia 6025 (AU).
- (74) **WRAY & ASSOCIATES**; 239 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 **F01D 5/08, 5/18, 5/30**
- (11) **WO 02/086291** (13) A1
- (21) PCT/FR02/01325

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05289 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BLADE FOR A TURBINE COMPRIS-
ING A COOLING AIR DEFLECTOR
• AUBE POUR TURBINE COMPORTANT
UN DEFLECTEUR D'AIR DE REFROI-
DISSEMENT(71) SNECMA MOTEURS [FR/FR]; 2, boule-
vard du Général Martial Valin, F-75015 Paris
(FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BALLAND, Morgan, Lionel [FR/FR];
134, rue de Charenton, F-75012 Paris (FR).
COULON, Sylvie [FR/FR]; 14, avenue Paul
Doumer, F-77590 Bois Le Roi (FR).(74) POULIN, Gérard; c/o Brevalex, 3, rue du
Docteur Lancereaux, F-75008 Paris (FR).

(81) CA JP RU UA US.

(51)⁷ F01D 25/16, 25/28, F16F 15/32

(11) WO 02/086292 (13) A1

(21) PCT/SE02/00596

(22) 27 Mar/mar 2002 (27.03.2002)

(25) sv (26) en

(30) 0101422-4 24 Apr/avr 2001 SE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TURBINE OR COMPRESSOR DEVICE
AND METHOD FOR ASSEMBLING
THE DEVICE
• DISPOSITIF A TURBINE OU A COM-
PRESSEUR ET PROCEDE D'ASSEM-
BLAGE DE CE DISPOSITIF(71) VOLVO AERO CORPORATION [SE/SE];
S-461 81 Trollhättan (SE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JÖNSSON, Bertil [SE/SE]; Amiralvä-
gen 71, S-237 32 Bjärred (SE).(74) FRÖHLING, Werner; Volvo Technological
Development Corporation, Corporate Patents,
CTP, 06820, Sven Hultins Gata 9C, S-412 88
Göteborg (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU 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 25/16, F02C 6/12

(11) WO 02/086293 (13) A1

(21) PCT/US02/12259

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,721 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED TURBOCHARGER BEAR-
ING SYSTEM
• SYSTEME DE PALIER AMELIORE
POUR TURBOCOMPRESSEUR(71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, P.O. Box
2245, Morristown, NJ 07960 (US).(72) ARNOLD, Steven, Don; 3351 Deluna Drive,
Rancho Palos Verdes, CA 90275 (US).(74) CRISS, Roger, H. et al. / etc.; Honeywell
International Inc., 101 Columbia Road, P.O.
Box 2245, Morristown, NJ 07960 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01D 25/30, F02C 7/00

(11) WO 02/086294 (13) A1

(21) PCT/IB01/00677

(22) 24 Apr/avr 2001 (24.04.2001)

(25) de (26) de

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOBILE INSTALLATION FOR SI-
LENCING AND CLEANING EXHAUST
GASES OF AN INTERNAL COMBUS-
TION ENGINE• INSTALLATION MOBILE SERVANT
L'INSONORISATION ET A LA PURIFI-
CATION DES GAZ D'ÉCHAPPEMENT
D'UN MOTEUR A COMBUSTION IN-
TERNE(71, 72) WIESER-LINHART, Emil, A., J.
[AT/AT]; Dossenweg 49, A-5020 Salzburg
(AT).(74) E. BLUM & CO.; Vorderberg 11, CH-8044
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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG 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 F01L 1/46

(11) WO 02/086295 (13) A1

(21) PCT/GB02/01178

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0110031.2 24 Apr/avr 2001 GB
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VALVE SPRING MECHANISM
• MECANISME DE RESSORT DE SOU-
PAPE(71) ILMOR ENGINEERING LIMITED
[GB/GB]; Quarry Road, Brixworth,
Northamptonshire NN6 9UB (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LANGHAM, Graham [GB/GB]; 2
The Tithings, Kibworth, Leicestershire LE8
0PU (GB). HARROP, Timothy [GB/GB];
1 Church Cottages, Old, Northamptonshire
NN6 9QZ (GB). VICCARS, Anthony
[GB/GB]; 175 Dunkirk Avenue, Desborough,
Northants NN14 2PR (GB). RUSSELL,
Rupert [GB/GB]; 22 the Green, Kislingbury,
Northants NN7 4AH (GB).(74) GOODENOUGH, Nigel et al. / etc.; A.A.
Thornton & Co., 235 High Holborn, London
WC1V 7LE (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM 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 F01M 5/00, 1/18

(11) WO 02/086296 (13) A2

(21) PCT/DE02/01231

(22) 4 Apr/avr 2002 (04.04.2002)

(25) de (26) de

(30) 101 19 786.1 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DETERMINING THE
OIL TEMPERATURE IN AN INTER-
NAL COMBUSTION ENGINE• PROCEDE DE DETERMINATION DE
LA TEMPERATURE D'HUILE DANS
UN MOTEUR A COMBUSTION IN-
TERNE(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KUNZ, Franz [DE/DE]; Math.-Bauer-
Str. 4, 93336 Altmannstein (DE). ZHANG,
Hong [CN/DE]; Spitzweg Strasse 16, 93105
Tegernheim (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 F02B 47/08, 3/06

(11) WO 02/086297 (13) A1

(21) PCT/GB02/01829

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109664.3 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A FOUR STROKE AUTO-IGNITION ENGINE

- MOTEUR A AUTO-ALLUMAGE A QUATRE TEMPS

(71) LOTUS CARS LIMITED [GB/GB]; Hethel, Norwich, Norfolk NR14 8EZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLEN, Jeffrey [GB/GB]; 4 Sheppard Way, Attleborough, Norfolk NR17 2DQ (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH 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 F02C 7/047

(11) WO 02/086298 (13) A2

(21) PCT/US02/12553

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,996 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEATING DEVICE AND METHOD FOR DEPLOYABLE RAM AIR TURBINE

- DISPOSITIF DE CHAUFFAGE ET PROCEDE DESTINE A UNE TURBINE A AIR DEPLOYABLE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) ECCLES, Steven, R.; 21820 Grant Avenue, Torrance, CA 90503 (US). SCHINDLER, Wayne, G.; 17131 Roundhill Drive, Huntington Beach, CA 92649 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02C 7/277, 7/28, 7/27, F01D 11/00, F16J 15/40, 15/42

(11) WO 02/086299 (13) A1

(21) PCT/US02/12984

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,660 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AIR TURBINE STARTER WITH SEAL ASSEMBLY

- SYSTEME DE DEMARRAGE DE TURBINE A AIR AVEC ENSEMBLE D'ETANCHEITE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) LANGSTON, Todd, A.; 2212 West Myrtle Drive, Chandler, AZ 85248 (US). GIESLER, William, Lee; 3461 E. Granite View Drive, Phoenix, AZ 85044 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/06

(11) WO 02/086300 (13) A1

(21) PCT/US02/12346

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,929 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND CONTROL FOR VARIABLE EXHAUST BRAKE

- APPAREIL ET COMMANDE DE FREIN SUR ECHAPPEMENT VARIABLE

(71) JENARA ENTERPRISES LTD. [CA/CA]; 19594 96th Avenue, Surrey, British Columbia V4C 4C3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSON, Derek [CA/CA]; 34250 Hazelwood Avenue, Abbotsford, British Columbia V2S 7L4 (CA). ISRAEL, Mark [US/US]; 53 Country Corners Road, Amherst, MA 01002 (US). PRICE, Robert, B. [US/US]; 111 Tonica Spring Trail, Manchester, CT 06040 (US).

(74) BERENATO, Joseph, W., III; Liniak, Berenato, Longacre & White, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 41/14, F01N 3/023, 9/00

(11) WO 02/086301 (13) A1

(21) PCT/JP02/03835

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 2001-121481 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXHAUST GAS PURIFICATION APPARATUS FOR INTERNAL COMBUSTION ENGINE AND METHOD THEREOF

- APPAREIL DE PURIFICATION DES GAZ D'ECHAPPEMENT DESTINE A UNE MOTEUR THERMIQUE ET PROCEDE ASSOCIE

(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITAHARA, Yasuhisa [JP/JP]; 21-1-507, Kamiohoka Higashi 1-chome, Kounan-ku, Yokohama-shi, Kanagawa 233-0001 (JP).

(74) SASAJIMA, Fujio; Toranomom 1-chome Mori Bldg., 19-5, Toranomom 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 F02D 41/40

(11) WO 02/086302 (13) A1

(21) PCT/US02/11946

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/285,199 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM, APPARATUS INCLUDING ON-BOARD DIAGNOSTICS, AND METHODS FOR IMPROVING OPERATING EFFICIENCY AND DURABILITY OF COMPRESSION IGNITION ENGINES

• SYSTEME ET APPAREIL COMPRENANT UN DISPOSITIF DE DIAGNOSTIC INTEGRE ET PROCEDES PERMETTANT D'AMELIORER L'EFFICACITE EN FONCTIONNEMENT ET LA DURABILITE DES MOTEURS A COMBUSTION PAR COMPRESSION

(71) WOLFF CONTROLS CORPORATION [US/US]; 1800 Executive Road, P.O. Box 9407, Winter Haven, FL 33883-9407 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOLFF, Peter, U. [US/US]; 2929 Dundee Road, Winter Haven, FL 33884 (US).

(74) NAPOLITANO, Carl, M.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., P.O. Box 3791, Suite 1401, 255 South Orange Avenue, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02K 1/48

(11) WO 02/086303 (13) A1

(21) PCT/JP02/03716

(22) 15 Apr/avr 2002 (15.04.2002)

(25) ja (26) ja

(30) 2001-121590 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOBE MIXER FOR JET ENGINE

• MELANGEUR DE LOBE POUR MOTEUR A REACTION

(71) ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. [JP/JP]; 2-1,

Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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(72, 75) OISHI, Tsutomu [JP/JP]; 5-17-3-508, Misugidai, Hannou-shi, Saitama 357-0041 (JP).

(74) HOTTA, Minoru; 3F, Hara Bldg.2, 15-6, Shiba 4-chome, Minato-ku, Tokyo 108-0014 (JP).

(81) US.

(84) EP (DE FR GB).

(51)⁷ F02M 29/04

(11) WO 02/086304 (13) A1

(21) PCT/GB02/01831

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109623.9 19 Apr/avr 2001 GB (19.04.2001)

(30) 0114573.9 15 Jun/juin 2001 GB (15.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN INDUCTION REGULATOR FOR AN INTERNAL COMBUSTION ENGINE

• REGULATEUR D'INDUCTION DESTINE A UN MOTEUR A COMBUSTION INTERNE

(71, 72) KENNEDY, Roger [GB/GB]; 2nd Floor, 225 Bury New Road, Whitefield M45 8GW (GB).

(74) W.P. THOMPSON & CO; Coopers Building, Church Street, Liverpool LI 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).

(51)⁷ F02M 45/04, 59/36, 63/00, 45/08, 57/02, 61/20

(11) WO 02/086305 (13) A2

(21) PCT/DE02/01367

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 603.2 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION

(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) DUPLAT, Gérard [FR/FR]; 7, rue du Recret, F-69670 Vaugneray (FR). POURRET, Raphael [FR/FR]; 10, rue Confort, F-69002 Lyon (FR). VOIGT, Peter [DE/FR]; 27, quai Gaillon, F-69002 Lyon (FR).

(81) HU 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 F02M 51/06, 61/16

(11) WO 02/086306 (13) A1

(21) PCT/DE02/01388

(22) 13 Apr/avr 2002 (13.04.2002)

(25) de (26) de

(30) 101 19 984.8 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE, COMPRISING A MAGNETO ARMATURE MADE OF COBALT AND IRON

• DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION, COMPRENANT UNE ARMATURE EN COBALT ET EN FER

(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) CHRETIEN, Laurent [FR/FR]; 63, Rue Feuillat, F-69003 Lyon (FR). BLANC, Régis [FR/FR]; 22, Rue de Boyer, F-69160 TASSIN (FR). GREIF, Hubert [DE/DE]; Platanenweg 53, 71706 Markgroeningen (DE).

(81) HU 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 F02M 57/02, 45/08, 61/20

(11) WO 02/086307 (13) A1

(21) PCT/DE02/01354

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 19 602.4 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION

(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) DUPLAT, Gérard [FR/FR]; 7, rue du Recret, F-69670 Vaugneray (FR). POURRET, Raphael [FR/FR]; 10, rue Confort, F-69002 Lyon (FR). VOIGT, Peter [DE/FR]; 27, quai Gaillon, F-69002 Lyon (FR).

(81) HU JP PL 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 59/46, 57/02, 59/36

(11) WO 02/086308 (13) A1

(21) PCT/DE02/01369

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 982.1 24 Apr/avr 2001 DE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE
• DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION(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) CHRETIEN, Laurent [FR/FR]; 63, Rue Feuillat, F-69003 Lyon (FR). BLANC, Régis [FR/FR]; 22, Rue de Boyer, F-69160 Tassin (FR).

(81) HU JP PL 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, 47/02

(11) WO 02/086309 (13) A1

(21) PCT/CH02/00203

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 744/01 24 Apr/avr 2001 CH
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES
• SOUPAPE D'INJECTION DE CARBURANT DESTINEE A DES MACHINES A COMBUSTION INTERNE(71) CRT COMMON RAIL TECHNOLOGIES AG [CH/CH]; Industrieplatz, CH-8212 Neuhausen am Rheinflall (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GANSER, Marco [CH/CH]; Gubelweg 2, CH-6315 Oberägeri (CH). CARELLI, Andreas [CH/CH]; Hofwiesenstrasse 207, CH-8057 Zürich (CH).

(74) PATENTANWÄLTE SCHAAD BALASS MENZL & PARTNER AG; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 69/04, F02B 33/04

(11) WO 02/086310 (13) A1

(21) PCT/FR02/01410

(22) 24 Apr/avr 2002 (24.04.2002)

(25) fr (26) fr

(30) 01/05565 25 Apr/avr 2001 FR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DIRECT FUEL INJECTION DESIGN FOR AN INTERNAL COMBUSTION ENGINE
• AGENCEMENT D'INJECTION DIRECTE DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

(71) MAGNETI MARELLI FRANCE [FR/FR]; 19, rue Lavoisier, F-92000 Nanterre (FR).

(72) PONTOPPIDAN, Michaël; 19, avenue d'Epinay, F-92700 Colombes (FR).

(74) BEROGIN, Francis et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(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 F02P 1/00

(11) WO 02/086311 (13) A1

(21) PCT/US02/12877

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,313 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMBUSTION INITIATION APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE DECLENCHEMENT DE COMBUSTION

(71) OMNITEK ENGINEERING CORPORATION [US/US]; 1945 South Rancho Sante Fe Road, San Marcos, CA 92069 (US).

(72) FUNK, Werner; 208 Rancho Santa Fe Road, Olivenhain, CA 92024 (US). EILER, Travis, L.; 8735 Cottonwood Ave., Santee, CA 92071 (US).

(74) BROOK, Mitchell, P. et al. / etc.; Luce, Forward, Hamilton & Scripps, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/02, 11/00

(11) WO 02/086312 (13) A1

(21) PCT/DK02/00264

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) PA 2001 00641 23 Apr/avr 2001 DK
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WIND TURBINE HAVING SECONDARY ROTORS
• EOLIENNE PRESENTANT DES ROTORS SECONDAIRES(71) FORSKNINGSCENTER RISØ (Risø National Laboratory) [DK/DK]; P.O. Box 49, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADSEN, Helge, Aagaard [DK/DK]; Munkholmvej 45, DK-4060 Kirke Saby (DK). RASMUSSEN, Flemming [DK/DK]; Torslundevej 38, DK-4960 Holeby (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sankt Annæ Plads 11, P.O. Box 3007, DK-1250 Copenhagen K (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 7/00, 9/02, 9/00, G05D 22/02, B60H 1/32

(11) WO 02/086313 (13) A1

(21) PCT/EP02/04110

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 625.3 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CONTROLLING A WIND ENERGY PLANT
• PROCEDE POUR COMMANDER UNE INSTALLATION D'ENERGIE EOLIENNE

(71, 72) WOBGEN, Aloys [DE/DE]; Argestrass 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).

(51)⁷ F03D 9/00, 7/02

(11) WO 02/086314 (13) A1

(21) PCT/EP02/04109

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 624.5 20 Apr/avr 2001 DE
(20.04.2001)

(30) 101 38 399.1 4 Aug/août 2001 DE
(04.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPERATING A WIND
ENERGY PLANT
• PROCEDE D'EXPLOITATION D'UNE
INSTALLATION D'ENERGIE EO-
LIENNE

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrass
19, 26607 Aurich (DE).

(74) GÖKEN, Klaus, G.; Eisenführ, Speiser &
Partner, Martinstrasse 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).

(51)⁷ F03D 9/00, H02J 3/38

(11) WO 02/086315 (13) A1

(21) PCT/EP02/04384

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 20 212.1 24 Apr/avr 2001 DE
(24.04.2001)

(30) 101 36 974.3 28 Jul/juil 2001 DE
(28.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPERATING A WIND
ENERGY PLANT
• PROCEDE D'EXPLOITATION D'UNE
INSTALLATION D'ENERGIE EO-
LIENNE

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrass
19, 26607 Aurich (DE).

(74) KECK, Stephan; Eisenführ, Speiser & Part-
ner, Martinstrasse 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).

(51)⁷ F03G 7/06

(11) WO 02/086316 (13) A1

(21) PCT/EP02/04356

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 296.7 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ACTUATOR COMPRISING A SHAPE
MEMORY MATERIAL
• MECANISME DE COMMANDE REA-
LISE DANS UN MATERIAU A ME-
MOIRE DE FORME

(71) BAYERISCHE MOTORENWERKE AG
[DE/DE]; 80788 München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) BREIDERT, Joachim [DE/DE];
Konzenstrasse 2, 41063 Mönchengladbach
(DE).

(72, 75) WELP, Ewald, G. [DE/DE]; Herder-
strasse 12, 40699 Erkrath (DE). JANSEN, Se-
bastian [DE/DE]; Oskar-Hoffmann-Strasse
126, 44789 Bochum (DE).

(74) COHAUSZ DAWIDOWICZ HANNIG &
PARTNER; Schumannstrasse 97-99, 40237
Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F03H 5/00

(11) WO 02/086317 (13) A1

(21) PCT/MX01/00029

(22) 31 May/mai 2001 (31.05.2001)

(25) es (26) es

(30) 004100 25 Apr/avr 2001 MX
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIMATTER ENGINE
• MOTEUR A ANTIMATIÈRE

(71, 72) DE LA PEÑA LLACA, Fernando
[MX/MX]; Calle Ocampo No. 106, Col.
Centro, Tulancingo de Bravo, Hidalgo 43600
(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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 :

(r) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement

(51)⁷ F04B

(11) WO 02/086318 (13) A2

(21) PCT/US02/11186

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/841,141 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR DETER-
MINING PUMP CAVITATION AND
ESTIMATING DEGRADATION IN ME-
CHANICAL SEALS THEREFROM

• PROCEDE ET SYSTEME VISANT
A DETERMINER LA CAVITATION
D'UNE POMPE ET A EVALUER LA
DEGRADATION DES JOINTS D'ETAN-
CHEITE DE CELLE-CI

(71) ITT MANUFACTURING ENTER-
PRISES, INC. [US/US]; 1105 Market Street,
Suite 1217, Wilmington, DE 19801 (US).

(72) SABINI, Eugene, P.; 6 Prentiss Drive,
Skaneateles, NY 13152 (US). LORENC,
Jerome, A.; 5 Courtney Drive, Seneca Falls,
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E. Genesee Street, Auburn, NY 13021 (US).
HAUENSTEIN, Kenneth, L.; 36 1/2 Sackett
Street, Seneca Falls, NY 13148 (US).

(74) DUANE MORRIS LLP; 100 College Road
West, Suite 100, Princeton, NJ 08540 (US).

(81) AU CA KR.

(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 02/086319 (13) A2

(21) PCT/US02/12662

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,549 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD OF OPERATING TORQUE
CONTROLLED, MOTOR-DRIVEN,
HIGH-PRESSURE PUMPS FOR POW-
ERING LIQUID JETS

• PROCEDE DE FONCTIONNEMENT
DE POMPES ELECTRIQUES HAUTE
PRESSION A CONTROLE DE COUPLE,

DESTINEES A ALIMENTER DES JETS D'EAU

(71) **MEDJET INC.** [US/US]; Suite 301, 1090 King Georges Post Road, Edison, NJ 08837 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GORDON, Eugene, I.** [US/US]; 1535 Coles Avenue, Mountainside, NJ 07092 (US).

(74) **SWEDLER, Michael, J.** 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 DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/047, 1/04, 1/107, F04C 11/00, F04B 23/10

(11) WO 02/086320 (13) A1

(21) PCT/DE02/01474

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 101 19 601.6 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPLACEMENT PUMP, IN PARTICULAR FOR TRANSPORTING FUEL

• POMPE VOLUMETRIQUE, NOTAMMENT DESTINEE A REFOULER DU CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) **ROTHKOPF, Johann** [DE/DE]; Eschenstr. 14, 85464 Finsing (DE). **ZORZIN, Luciano** [DE/DE]; Glockenreute 9, 78256 Steisslingen (DE). **MEYER, Gerhard** [DE/DE]; Asslinger Str. 4/li., 81671 München (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).

Published / Publiée : (c)

(51)⁷ F04B 35/04, 39/12

(11) WO 02/086321 (13) A1

(21) PCT/BR02/00055

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) PI 0101879-5 23 Apr/avr 2001 BR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LINEAR COMPRESSOR

• COMPRESSEUR LINEAIRE

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).

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(72, 75) **LILIE, Dietmar, Erich, Bernhard** [BR/BR]; Rua Orestes Guimarães, 904, CEP-89204-060 Joinville, SC (BR). **PUFF, Rinaldo** [BR/BR]; Rua Jaó, 280, CEP-89220-160-Joinville, SC (BR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; 7th Floor, Rua José Bonifácio, 93, 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 F04C 13/00, 15/04, E21B 47/00, F04B 47/02, F16K 31/18

(11) WO 02/086322 (13) A2

(21) PCT/US02/12751

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,748 24 Apr/avr 2001 US (24.04.2001)

(30) 09/841,773 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLUID CONTROLLED PUMPING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE POMPAGE REGULE DE LIQUIDE

(71) **CDX GAS, L.L.C.** [US/US]; Suite 280, 5485 Beltline Road, Dallas, TX 75240-7656 (US).

(72) **ZUPANICK, Joseph, A.**; P.O. Box 1797, Pineville, WV 24874 (US). **RIAL, Monty, H.**; 4915 Sea Pines, Dallas, TX 75287 (US).

(74) **OAKS, Brian, W.**; Baker Botts, L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ F04D

(11) WO 02/086323 (13) A2

(21) PCT/DE02/01088

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 19 553.2 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EJECTOR PUMP AND A METHOD FOR PRODUCING A NOZZLE FOR AN EJECTOR PUMP

• EJECTEUR ET PROCEDE DE PRODUCTION D'UNE BUSE DESTINEE A CET EJECTEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72) **LIENIG, Klaus-Jürgen**; Im Haindell 23, 65843 Sulzbach/Ts. (DE).

(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).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ F04D

(11) WO 02/086324 (13) A2

(21) PCT/US02/12593

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,837 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTI-STAGE CENTRIFUGAL COMPRESSOR DRIVEN BY INTEGRAL HIGH SPEED MOTOR

• COMPRESSEUR CENTRIFUGE A ETAGES MULTIPLES ENTRAINE PAR UN MOTEUR INTEGRE TOURNANT A GRANDE VITESSE

(71) **ELLIOTT TURBOMACHINERY CO., INC.** [US/US]; 901 North Fourth Street, Jeannette, PA 15644 (US).

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(72, 75) **HILL, M., Raymond** [US/US]; 304 Crestridge Drive, Greensburg, PA 15601 (US). **GRBIC, Milovan, R.** [YU/US]; 6626 Woodwell Street, Pittsburgh, PA 15217 (US).

(74) **BYRNE, Richard, L.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /

modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 29/66, F16L 55/04, 27/12

(11) WO 02/086325 (13) A1

(21) PCT/EP02/03743

(22) 4 Apr/avr 2002 (04.04.2002)

(25) de (26) de

(30) 101 19 075.1 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VACUUM CONDUIT

• CONDUITE A VIDE

(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) BEYER, Christian [DE/DE]; Langenbergstrasse 205, 50765 Köln (DE). HODAPP, Josef [DE/DE]; Simmerer Strasse 7b, 50935 Köln (DE). ENGLÄNDER, Heinrich [DE/DE]; Im Krähwinkel 4, 52441 Linnich (DE).

(74) SELTING, Günther et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (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 F15B 3/00, 1/02, 21/14

(11) WO 02/086326 (13) A1

(21) PCT/IT01/00175

(22) 6 Apr/avr 2001 (06.04.2001)

(25) it (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDRAULIC PRESSURIZATION SYSTEM

• SYSTEME DE PRESSURISATION HYDRAULIQUE

(71) SIG SIMONAZZI S.P.A. [IT/IT]; Via La Spezia, 241/A, I-43040 Parma (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ZACCHE', Vanni [IT/IT]; SIG Simonazzi Beverage S.p.A., Via La Spezia, 241/A, I-43040 Parma (IT). GORBI, Alessandro [IT/IT]; SIG Simonazzi Beverage S.p.A., Via La Spezia, 241/A, I-43040 Parma (IT). DAL CIELO, Massimiliano [IT/IT]; SIG Simonazzi Beverage S.p.A., Via La Spezia, 241/A, I-43040 Parma (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 F15B 11/04

(11) WO 02/086327 (13) A1

(21) PCT/FI02/00329

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fi (26) en

(30) 20010827 23 Apr/avr 2001 FI (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A CONTROL SYSTEM AND A METHOD FOR CONTROLLING AN ACTUATOR AND FOR OPTIMIZING THE CONTROL BY MEANS OF SETS OF VALVES COUPLED IN PARALLEL

• SYSTEME DE COMMANDE ET PROCÉDE PERMETTANT DE COMMANDER UN ACTIONNEUR ET D'OPTIMISER LA COMMANDE A L'AIDE D'ENSEMBLES DE VALVES MONTEES EN PARALLELE

(71, 72) LINJAMA, Matti [FI/FI]; Rionmaantie 11, FIN-37420 Valkkinen (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12B, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/16

(11) WO 02/086328 (13) A1

(21) PCT/EP02/04026

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 19 276.2 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDRAULIC CONTROL CIRCUIT

• CIRCUIT DE COMMANDE HYDRAULIQUE

(71) MANNESMANN REXROTH AG [DE/DE]; Jahnstr. 3 - 5, 97816 Lohr am Main (DE).

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(72, 75) HARNISCHFEGGER, Edwin [DE/DE]; Frankenweg 12, 63637 Jossgrund (DE).

(74) MANNESMANN REXROTH AG; Jahnstr. 3 - 5, 97816 Lohr am Main (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 F15B 13/04

(11) WO 02/086329 (13) A1

(21) PCT/US02/12848

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/838,396 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDRAULIC VALVE

• SOUPAPE HYDRAULIQUE

(71) CHAPMAN/LEONARD STUDIO EQUIPMENT [US/US]; 12950 Raymer Street, North Hollywood, CA 91605 (US).

(72) CHAPMAN, Leonard, T.; 12950 Raymer Street, North Hollywood, CA 91605 (US).

(74) OHRINER, Kenneth, H.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 15/28

(11) WO 02/086330 (13) A1

(21) PCT/EP02/04096

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 101 19 941.4 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDRAULIC CYLINDER WITH A MEASURING SYSTEM FOR DETERMINING THE ABSOLUTE POSITION OF THE PISTON ROD RELATIVE TO A REFERENCE POINT

- CYLINDRE DE PRESSION COMPRES-
NANT UN SYSTEME DE MESURE
POUR DETERMINER LA POSITION
ABSOLUE D'UNE TIGE DE PISTON
PAR RAPPORT A UN POINT DE REFE-
RENCE

(71) **MANNESMANN REXROTH AG**
[DE/DE]; Jahnstrasse 3-5, D-97816 Lohr
am Main (DE).
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les États désignés sauf US)

(72, 75) **YMKER, Leo** [NL/NL]; Toermalyn 7,
NL-5345 TJ Oss (NL).

(74) **MANNESMANN REXROTH AG**; Jahn-
strasse 3-5, 97816 Lohr 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).

Published / Publiée : (c)

(51)⁷ **F15B 21/14**

(11) **WO 02/086331** (13) A1

(21) PCT/JP02/01136

(22) **12 Feb/fév 2002 (12.02.2002)**

(25) ja (26) ja

(30) 2001-118421 **17 Apr/avr 2001 JP**
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FLUID PRESSURE CIRCUIT
• CIRCUIT HYDRAULIQUE

(71) **SHIN CATERPILLAR MITSUBISHI
LTD.** [JP/JP]; 10-1, Yoga 4-chome, Seta-
gaya-ku, Tokyo 158-8530 (JP).
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les États désignés sauf US)

(72, 75) **SHIMADA, Yoshiyuki** [JP/JP]; C/O
SHIN CATERPILLAR MITSUBISHI LTD.,
10-1, Yoga 4-chome, Setagaya-ku, Tokyo
158-8530 (JP).

(74) **KABASAWA, Joo et al.** / etc.; NSO BLDG.,
1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo
160-0022 (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 **F15C 5/00**

(11) **WO 02/086332** (13) A1

(21) PCT/US01/31825

(22) **12 Oct/oct 2001 (12.10.2001)**

(25) en (26) en

(30) 09/839,547 **20 Apr/avr 2001 US**
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • POROUS MICROFLUIDIC VALVES
• VALVES MICROFLUIDIQUES PO-
REUSES

(71) **NANOSTREAM, INC.** [US/US]; 580 Sierra
Madre Villa Ave, Pasadena, CA 91107-2928
(US).
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les États désignés sauf US)

(72, 75) **PEZZUTO, Marci** [US/US]; 491 Athens
Street, Altadena, CA 91001 (US). **O'CON-
NOR, Stephen, D.** [US/US]; 1892 Galbreth
Road, Pasadena, CA 91104 (US).

(74) **CARMICHAEL, James, T.**; Lyon & Lyon
LLP, 633 West Fifth Stree, Suite 4700, Los
Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 **F15C 5/00**

(11) **WO 02/086333** (13) A1

(21) PCT/US02/12888

(22) **24 Apr/avr 2002 (24.04.2002)**

(25) en (26) en

(30) 60/286,476 **25 Apr/avr 2001 US**
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FLUIDIC SWITCHES AND METHOD
FOR CONTROLLING FLOW IN FLU-
IDIC SYSTEMS
• COMMUTATEURS FLUIDIQUES ET
PROCEDE DE COMMANDE DE FLUX
DE SYSTEMES FLUIDIQUES

(71) **PRESIDENT AND FELLOWS OF HAR-
VARD COLLEGE** [US/US]; Suite 727,
Holyoke Center, 1350 Massachusetts Av-
enue, Cambridge, MA 02138 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **ISMAGILOV, Rustem, F.** [RU/US];
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02158 (US). **ROSMARIN, David** [US/US];
45 Carriage Lane, Roslyn Heights, NY 11577
(US).

(74) **OYER, Timothy, J.**; Wolf, Greenfield &
Sacks, P.C., 600 Atlantic Avenue, 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 ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16B**

(11) **WO 02/086334** (13) A2

(21) PCT/US02/11378

(22) **12 Apr/avr 2002 (12.04.2002)**

(25) en (26) en

(30) 60/284,902 **20 Apr/avr 2001 US**
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • HYBRID PANEL FASTENER WITH
SNAP-ON CAP
• ATTACHE DE PANNEAU HYBRIDE
AVEC BOUCHON CLIQUETABLE

(71) **PEM MANAGEMENT, INC.** [US/US];
Suite 1225, 300 Delaware Avenue, Wilming-
ton, DE 19801 (US).
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les États désignés sauf US)

(72, 75) **FRANCO, James, S.** [US/US]; 317 Sex-
ton Road, Wind Gap, PA 18091 (US). **MC-
DONOUGH, William, P.** [US/US]; 23 Col-
lege Avenue, Collegeville, PA 19426 (US).

(74) **GORE, Gregory, J.**; Suite 316, 70 West
Oakland Avenue, Doylestown, PA 18901
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 **F16B 5/02, 9/02 // A47K 3/36**

(11) **WO 02/086335** (13) A1

(21) PCT/EP02/04400

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) de (26) de

(30) 101 19 987.2 **23 Apr/avr 2001 DE**
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SECURING DEVICE FOR SECUR-
ING FLAT MATERIALS ONTO A ROD
SHAPED COMPONENT
• DISPOSITIF PERMETTANT DE FIXER
DES MATIERES PLANIFORMES A
UNE PIECE EN FORME DE BARRE

(71) **DORMA GMBH + CO. KG** [DE/DE];
Breckerfelder Strasse 42-48, 58256 En-
nepetal (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **ELMER, Hubert** [AT/AT]; Valiergasse
10, A-6020 Innsbruck (AT).

(74) **GINZEL, Lothar**; Dorma GmbH + Co. KG,
Breckerfelder Strasse 42-48, 58256 Ennepetal
(DE).

(81) CZ EE JP LT LV 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) F16B 31/02

(11) WO 02/086336 (13) A1

(21) PCT/EP02/04018

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 19 913.9 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NUT FOR LIMITING AN EFFECTIVE TORQUE AND CORRESPONDING METHOD

• ECROU PERMETTANT DE LIMITER UN COUPLE DE SERRAGE EFFECTIF ET PROCEDE CORRESPONDANT

(71) EMHART LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNEIDER, Joachim [DE/DE]; Brückenstrasse 17, 35630 Ehringshausen (DE). DREXLER, Frank [DE/DE]; In den Rosengärten 15, 63683 Ortenberg (DE).

(74) HAAR, Lucas, H. et al. / etc.; Haar & Schwarz-Haar, Karlstrasse 23, 61231 Bad Nauheim (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)

Declaration / Déclaration :

(f) for the following designation / pour la désignation suivante : US

(51)⁷ F16B 37/06, B23P 19/06

(11) WO 02/086337 (13) A1

(21) PCT/EP02/04365

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 505.2 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FUNCTIONAL ELEMENT FOR FIXING TO A PIECE OF SHEET METAL, COMPONENT ASSEMBLED FROM THE ABOVE AND METHOD FOR FIXING THE FUNCTIONAL ELEMENT TO A PIECE OF SHEET METAL

• ELEMENT FONCTIONNEL DESTINE A ETRE FIXE SUR UNE PIECE EN TOLE, STRUCTURE AINSI FABRIQUEE ET PROCEDE DE FIXATION DUDIT ELEMENT FONCTIONNEL SUR UNE PIECE EN TOLE

(71) PROFIL VERBINDUNGSTECHNIK 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). HOESSRICH, Wolfgang [DE/DE]; Höhenstrasse 15, 61476 Kronberg (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 F16B 37/12

(11) WO 02/086338 (13) A1

(21) PCT/US01/29134

(22) 12 Sep/sep 2001 (12.09.2001)

(25) en (26) en

(30) 09/840,265 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOLERANCE COMPENSATING MOUNTING DEVICE

• DISPOSITIF DE MONTAGE AVEC COMPENSATION DE LA TOLERANCE

(71) THE GATES CORPORATION [US/US]; 900 South Broadway, Denver, CO 80209 (US).

(72) STONE, Roger; 19 Eaton Place, Brighton, East Sussex BN2 1EH (GB). KNIGHT, Brian, Russell; 224 Harbour Way, Shoreham-by-Sea, West Sussex BN43 5HZ (GB).

(74) THURNAU, Jeffrey; The Gates Corporation, Mail Stop: 31-4-1-A3, 900 S. Broadway, Denver, CO 80209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F16C 11/06

(11) WO 02/086339 (13) A1

(21) PCT/DE02/01485

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 201 07 002.2 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANGLE JOINT

• JOINT A ANGLES

(71) IGUS SPRITZGUSSTEILE FÜR DIE INDUSTRIE GMBH [DE/DE]; Spicher Str. 1a, 51147 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAAK, Martin [DE/DE]; Gabelsberger Strasse Nr. 15, 50674 Köln (DE). BAUS, Gerhard [DE/DE]; Auf dem Heckerfeld 9, 53578 Windhagen (DE). BLASE, Frank [DE/DE]; Wildphal 10, 51429 Bergisch Gladbach (DE).

(74) GUDAT, Axel; Lippert, Stachow, Schmidt & Partner, Frankenforster Str. 135-137, 51427 Bergisch Gladbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 13/00, D21G 1/02

(11) WO 02/086340 (13) A1

(21) PCT/FI02/00325

(22) 18 Apr/avr 2002 (18.04.2002)

(25) fi (26) en

(30) 20010800 19 Apr/avr 2001 FI (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR CONTROLLING VIBRATION OF ROTATING ROLLS

• APPAREIL PERMETTANT DE COMMANDER LA VIBRATION DE ROULEAUX ROTATIFS

(71, 72) KESKINEN, Erno [FI/FI]; Salomaantie 7, FIN-33920 Pirkkala (FI). KIVINEN, Juha-Matti [FI/FI]; Sammonkatu 10 G 70, FIN-33540 Tampere (FI).

(74) NIEMINEN, Taisto; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FIN-33200 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 29/02

(11) WO 02/086341 (13) A2

(21) PCT/DE02/01468

(22) 22 Apr/avr 2002 (22.04.2002)

(25) de (26) de

(30) 201 06 914.8 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LINEAR GUIDE

• GUIDE LINEAIRE

- (71) **IGUS SPRITZGUSSTEILE FÜR DIE INDUSTRIE GMBH** [DE/DE]; Spicher Strasse 1a, 51147 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOSHAMMER, Horst** [DE/DE]; Am Sändchen 8, 53545 Linz am Rhein (DE).
- (74) **STACHOW, Ernst-Walther**; Lippert, Stachow, Schmidt & Partner, Frankenforsterstrasse 135-137, 51427 Bergisch Gladbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **F16D 3/12, F16F 15/12**
- (11) **WO 02/086342** (13) A1
- (21) PCT/GB02/01637
- (22) **8 Apr/avr 2002 (08.04.2002)**
- (25) en (26) en
- (30) 0109706.2 **20 Apr/avr 2001 (20.04.2001)** GB
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **DEVICE FOR ISOLATING TORQUE FLUCTUATIONS**
• **DISPOSITIF D'ISOLATION CONTRE LES FLUCTUATIONS DE COUPLE**
- (71) **METALDYNE INTERNATIONAL (UK) LIMITED** [GB/GB]; 131 Parkinson Lane, Halifax HX1 3RD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALLPORT, John, Martin** [GB/GB]; 4 Heald Terrace, Barkisland, Halifax HX4 0DB (GB).
- (74) **EVERY, David, Aidan**; 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 **F16D 48/06**
- (11) **WO 02/086343** (13) A1
- (21) PCT/DE02/01398
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) de (26) de
- (30) 101 19 749.7 **23 Apr/avr 2001 (23.04.2001)** DE
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **VEHICLE WITH AN OVERSPEED PROTECTOR**
• **VEHICULE EQUIPE D'UNE PROTECTION CONTRE LE SURREGIME**
- (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) **KÜPPER, Klaus** [DE/DE]; Karl-Franz-Strasse 24a, 77815 Bühl (DE).
HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE).
- (74) **LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG**; Guido Ege, 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 **F16D 65/097, 65/092**
- (11) **WO 02/086344** (13) A1
- (21) PCT/IT01/00194
- (22) **20 Apr/avr 2001 (20.04.2001)**
- (25) it (26) en
- (30) 31 Oct/oct 2002 (31.10.2002)
- (54) • **BRAKE PAD FIXATION FOR DISC BRAKES**
• **FIXATION DE PLAQUETTE DE FREIN POUR FREINS A DISQUE**
- (71) **FRENI BREMBO S.P.A.** [IT/IT]; Via Brembo, 25, I-24035 Curno (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRIPPA, Cristian** [IT/IT]; Via Longoni, 4, I-24030 Almenno San Bartolomeo (IT).
GOTTI, Antonio [IT/IT]; Via Ponte della Noca, 12, I-24031 Almenno san Salvatore (IT).
- (74) **SINISCALCO, Fabio**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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)
-
- (51)⁷ **F16F 15/32**
- (11) **WO 02/086347** (13) A1
- (21) PCT/FR02/01400
- (25) 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 **F16D 65/21, 65/27, 65/54, F16H 25/12, 25/18**
- (11) **WO 02/086345** (13) A1
- (21) PCT/AU02/00489
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) PR 4537 **23 Apr/avr 2001 (23.04.2001)** AU
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **ACTUATOR**
• **ACTIONNEUR**
- (71) **PBR AUSTRALIA PTY LTD** [AU/AU]; 264 East Boundary Road, East Bentleigh, Victoria 3165 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, Nui** [AU/AU]; 12 Tavistock Court, Croydon, Victoria 3136 (AU).
- (74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/05, 9/32**
- (11) **WO 02/086346** (13) A1
- (21) PCT/DE02/01241
- (22) **5 Apr/avr 2002 (05.04.2002)**
- (25) de (26) de
- (30) 101 19 674.1 **20 Apr/avr 2001 (20.04.2001)** DE
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • **AIR-SPRING SYSTEM**
• **SYSTEME D'AMORTISSEUR PNEUMATIQUE**
- (71) **PHOENIX AG** [DE/DE]; Hannoversche Strasse 88, 21079 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEBER, Michael** [DE/DE]; Prenzlauer Str. 19, 21244 Buchholz (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 **F16F 15/32**
- (11) **WO 02/086347** (13) A1
- (21) PCT/FR02/01400

(22) 23 Apr/avr 2002 (23.04.2002)

(25) fr (26) fr

(30) 01/05435 23 Apr/avr 2001 FR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTI-VIBRATION BALANCE
WEIGHT FOR MOTOR VEHICLE
• MASSE ANTIVIBRATOIRE POUR VE-
HICULE AUTOMOBILE(71) LEMER PAX [FR/FR]; 3, rue de l'Europe,
ZI de Carquefou, F-44477 Carquefou Cedex
(FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LEMER, Pierre-Marie [FR/FR]; 4, rue
de Grillaud, F-44100 Nantes (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 F16G 01/12, 01/18, 05/10

(11) WO 02/086348 (13) A1

(21) PCT/US02/12195

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,724 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BELT MAKING APPARATUS AND
METHOD
• APPAREIL ET PROCÉDE DE FABRI-
CATION DE COURROIES(71) THE COE MANUFACTURING COM-
PANY [US/US]; 609 Bank Street,
Painesville, OH 44077 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SPANGLER, Clinton [US/US]; 8203
Westmoor Road, Mentor, OH 44060 (US).
KUZMIAK, Joseph [US/US]; 5576
Grove Avenue, Mentor, OH 44060 (US).
GLADYSZEWSKI, Kenneth [US/US];
6440 Painesville-Warren Road, Concord
Twp., OH 44077 (US). HADI, Monty
[US/US]; 7303 Shenandoah Ct., Mentor, OH
44060 (US). KOSA, Charles, A. [US/US];
244 Monticello Drive, Chagrin Falls, OH
44022 (US).(74) HLAVKA, John, R.; Watts, Hoffmann,
Fisher & Heinke Co., L.P.A., P.O. Box
99839, Cleveland, OH 44199-0839 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GMHR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ F16G 13/16

(11) WO 02/086349 (13) A1

(21) PCT/DE02/01407

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 201 07 003.0 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENERGY DRAG CHAIN
• CHAÎNE DE GUIDAGE D'ÉLEMENTS
DE TRANSPORT D'ÉNERGIE(71) IGUS SPRITZGUSSTEILE FÜR DIE IN-
DUSTRIE GMBH [DE/DE]; Spicher Strasse
1a, 51147 Köln (DE).(72) HERMEY, Andreas; Annostrasse 96, 53773
Hennef (DE). BLASE, Frank; Goethestrasse
78, 51429 Bergisch Gladbach (DE). BLASE,
Günter; Oberkühlheim 10, 51429 Bergisch
Gladbach (DE).(74) LIPPERT, STACHOW, SCHMIDT &
PARTNER; Frankenforster Strasse 135-137,
51427 Bergisch Gladbach (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16G 15/00

(11) WO 02/086350 (13) A1

(21) PCT/US02/09119

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/838,374 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • JEWELRY CHAIN
• CHAÎNE DE BIJOUTERIE(71, 72) FOSTER, Arthur, S. [US/US]; 18
Horseshoe Lane, Commack, NY 11725 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RORU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ F16H 1/28, F16J 15/00, F16H 57/04

(11) WO 02/086351 (13) A2

(21) PCT/EP02/01318

(22) 8 Feb/fév 2002 (08.02.2002)

(25) de (26) de

(30) 101 19 998.8 23 Apr/avr 2001 DE
(23.04.2001)(30) 101 25 148.3 22 May/mai 2001 DE
(22.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRIVE, PARTICULARLY A PLANE-
TARY DRIVE
• TRANSMISSION, EN PARTICULIER
TRANSMISSION PLANÉTAIRE(71) WITTENSTEIN AG [DE/DE]; Walter-Wit-
tenstein-Str. 1, 97999 Igersheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BAYER, Thomas [DE/DE]; 5,
Holzäcker, 97999 Igersheim (DE). OLD,
Christof [DE/DE]; Bobstadter Str. 66, 97980
Bad Mergentheim (DE).(74) WEISS, Peter; Zepelinstrasse 4, 78234 En-
gen (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 F16H 3/091

(11) WO 02/086352 (13) A1

(21) PCT/EP02/04268

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 20 060.9 24 Apr/avr 2001 DE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VEHICLE GEARBOX
• BOÎTE DE VITESSES DE VÉHICULE(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 49/00

(11) WO 02/086353 (13) A1

(21) PCT/EP02/02757

(22) 13 Mar/mar 2002 (13.03.2002)

- (25) de (26) de
 (30) 101 20 735.2 **21 Apr/avr 2001** DE
 (21.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • HARMONIC DRIVE
 • REDUCTEUR A PLANETAIRE
 (71) OECHSLER AKTIENGESELLSCHAFT
 [DE/DE]; Matthias Oechsler Str. 9, 91522
 Ansbach (DE).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) POEHLAU, Frank [DE/DE]; Dr.-Mack-
 Str. 36, 90762 Fuerth (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).

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 F16H 57/04

(11) WO 02/086354 (13) A1

(21) PCT/EP02/04177

(22) 16 Apr/avr 2002 (16.04.2002)

- (25) de (26) de
 (30) 101 19 573.7 **21 Apr/avr 2001** DE
 (21.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • OIL SUPPLYING DEVICE
 • DISPOSITIF D'ALIMENTATION EN
 HUILE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE];
 88038 Friedrichshafen (DE).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) BATHE, Kurt [DE/DE]; Am Gördensee
 16, 14772 Brandenburg (DE). BLECH-
 SCHMIDT, Dirk [DE/DE]; Ritterstrasse
 85, 14770 Brandenburg (DE). CIZMARIK,
 Jens [DE/DE]; Magdeburger Strasse 8, 14806
 Belzig (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038
 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).

(51)⁷ F16H 61/02 // 59:14, 59/18

(11) WO 02/086355 (13) A1

(21) PCT/DE02/01397

(22) 15 Apr/avr 2002 (15.04.2002)

- (25) de (26) de
 (30) 101 19 360.2 **20 Apr/avr 2001** DE
 (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CONTROLLING
 AND/OR REGULATING AN AUTO-
 MATIC GEARBOX IN A VEHICLE
 • PROCEDE POUR COMMANDER
 ET/OU REGULER UNE BOITE DE

VITESSES AUTOMATISEE D'UN VE-
HICULE

(71) LUK LAMELLEN UND KUPPLUNGS-
 BAU BETEILIGUNGS KG [DE/DE]; In-
 dustriestrasse 3, 77815 Bühl (DE).

*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) VORNEHM, Martin [DE/DE]; Im Grün
 47, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGS-
 BAU BETEILIGUNGS KG; Guido Ege,
 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 F16J

(11) WO 02/086356 (13) A2

(21) PCT/US02/12221

(22) 17 Apr/avr 2002 (17.04.2002)

- (25) en (26) en
 (30) 60/284,488 **18 Apr/avr 2001** US
 (18.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF CONTAINED ANTI-BLOWOUT
 SEAL FOR FLUIDS OR GASES
 • JOINT ANTI-RUPTURE INCORPORE
 POUR FLUIDES OU GAZ

(71) BAL SEAL ENGINEERING [US/US];
 19650 Pauling, Foothill Ranch, CA
 92610-2610 (US).

(72) SCHROEDER, John, W.; 1404 East
 Sycamore, Orange, CA (US).

(74) HACKLER, Walter, A.; Attorney of
 Record, 2372 S.E. Bristol, Suite B, New-
 port Beach, CA 92660-0755 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
 BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EC EE ES FI GB GD GE GH GM
 HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK
 MN MW MX MZ NO NZ OM PH PL PT RO
 RU SD SE SG SI SK SL TJ TM TN TR TT
 TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
 UG ZM ZW); EA (AM AZ BY KG KZ MD
 RU TJ TM); EP (AT BE CH CY DE DK ES
 FI FR GB GR IE IT LU 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 15/08

(11) WO 02/086357 (13) A1

(21) PCT/FR02/01372

(22) 22 Apr/avr 2002 (22.04.2002)

- (25) fr (26) fr
 (30) 01/05427 **23 Apr/avr 2001** FR
 (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELASTIC METAL GASKET
 • JOINT D'ETANCHEITE METALLIQUE
 ELASTIQUE

(71) COMMISSARIAT A L'ENERGIE
 ATOMIQUE [FR/FR]; 31/33, rue de la
 Fédération, F-75752 Paris 15ème (FR). CE-
 FILAC [FR/FR]; 90, rue de la Roche du
 Geai, F-42029 Saint-Etienne (FR).

(72) ROUAUD, Christian; 4, Lotissement "Les
 Yuccas n°2", F-07700 Bourg Saint-An-
 deol (FR). CAPLAIN, Philippe; Chemin de
 Chameau, F-26130 Saint-Paul Trois Chateaux
 (FR).

(74) BEAUPIN, Jacques; Brevatome, 3, rue du
 Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
 BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EC EE ES FI GB GD GE GH GM
 HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK
 MN MW MX MZ NO NZ OM PH PL PT RO
 RU SD SE SG SI SK SL TJ TM TN TR TT
 TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
 UG ZM ZW); EA (AM AZ BY KG KZ MD
 RU TJ TM); EP (AT BE CH CY DE DK ES
 FI FR GB GR IE IT LU MC NL PT SE TR);
 OA (BF BJ CF CG CI CM GA GN GQ GW
 ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16J 15/08

(11) WO 02/086358 (13) A1

(21) PCT/FR02/01373

(22) 22 Apr/avr 2002 (22.04.2002)

- (25) fr (26) fr
 (30) 01/05428 **23 Apr/avr 2001** FR
 (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLOSED ELASTIC METAL GASKET
 WITH OFFSET PROJECTING PARTS
 • JOINT D'ETANCHEITE METALLIQUE
 ELASTIQUE FERME A PARTIES
 SAILLANTES DESAXEES

(71) COMMISSARIAT A L'ENERGIE
 ATOMIQUE [FR/FR]; 31/33, rue de la
 Fédération, F-75752 Paris 15ème (FR). CE-
 FILAC [FR/FR]; 90, rue de la Roche du
 Geai, F-42029 Saint-Etienne (FR).

(72) ROUAUD, Christian; 4, Lotissement "Les
 Yuccas n°2", F-07700 Bourg Saint-An-
 deol (FR). CAPLAIN, Philippe; Chemin de
 Chameau, F-26130 Saint-Paul Trois Chateaux
 (FR).

(74) BEAUPIN, Jacques; Brevatome, 3, rue du
 Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
 BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EC EE ES FI GB GD GE GH GM
 HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK
 MN MW MX MZ NO NZ OM PH PL PT RO
 RU SD SE SG SI SK SL TJ TM TN TR TT
 TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16J 15/08

(11) WO 02/086359 (13) A1

(21) PCT/FR02/01374

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05426 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPEN METAL GASKET WITH OFFSET PROJECTING PORTIONS

- JOINT D'ÉTANCHEITE METALLIQUE ELASTIQUE OUVERT A PARTIES SAILLANTES DESAXEES

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR). CEFILAC [FR/FR]; 90, rue de la Roche du Geai, F-42029 Saint-Etienne (FR).

(72) CAPLAIN, Philippe; Chemin de Chameau, F-26130 Saint-Paul Trois Chateaux (FR). MIRABEL, Laurent; 68, avenue du Général de Gaulle, F-26700 Pierrelatte (FR). ROUAUD, Christian; 4, Lotissement "Les Yuccas n°2", F-07700 Bourg Saint-Andeol (FR). LOCATELLI, Marcel; 4, pré Morard, F-38330 Montbonnot (FR).

(74) BEAUPIN, Jacques; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16J 15/12

(11) WO 02/086360 (13) A1

(21) PCT/JP02/03796

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-122782 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPIRAL GASKET

- JOINT HELICOIDAL

(71) NIPPON VALQUA INDUSTRIES, LTD. [JP/JP]; Shinjuku Mitsui Bld. 6th, 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0406 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAMATSU, Yoshiko [JP/JP]; c/o Nippon Valqua Industries, Ltd., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, Nara 637-0014 (JP). ASAHINA, Minoru [JP/JP]; c/o Nippon Valqua Industries, Ltd., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, Nara 637-0014 (JP).

(74) MATSUMOTO, Takehiko; 25-6, Hannan-cho 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F16K 1/12

(11) WO 02/086361 (13) A1

(21) PCT/US02/12303

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,592 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PIVOT ACTUATED SLEEVE VALVE

- VANNE A MANCHON ACTIONNEE AU MOYEN D'UN PIVOT

(71) FISHER CONTROLS INTERNATIONAL, INC. [US/US]; K-Annex, 8100 West Florissant Avenue, St. Louis, MO 63136 (US).

(72) MCCARTY, Michael, W.; 2144 West Main Street Road, Marshalltown, IA 50158 (US). LOVELL, Michel, K.; 2405 New Salem Road, Marshalltown, IA 50158 (US). GETHMANN, Douglas; 1423 200th Street, Gladbrook, IA 50635 (US).

(74) LEMPIA, Bryan, J.; 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 F16K 3/04, 31/04

(11) WO 02/086362 (13) A1

(21) PCT/US02/12939

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,790 25 Apr/avr 2001 US (25.04.2001)

(30) 09/952,083 12 Sep/sep 2001 US (12.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PENDULUM VALVE WITH A FULL RANGE OF NORMAL POSITION CONTROL

- SOUPAPE PENDULAIRE COMPRENANT UNE GAMME COMPLETE DE COMMANDES DE POSITION NORMALE

(71) MYKROLIS CORPORATION [US/US]; One Patriots Park, Bedford, MA 01730 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHENG, Shiyuan [CN/US]; 2702 Cherrin Place, Richardson, TX 75082 (US).

(74) ADAIR, John, L.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/04

(11) WO 02/086363 (13) A1

(21) PCT/EP02/04124

(22) 13 Apr/avr 2002 (13.04.2002)

(25) de (26) de

(30) 101 19 271.1 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REGULATOR VALVE

- SOUPAPE DE REGULATION

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUTZ, Otto [DE/DE]; Unterer Schützenrain 10, 88709 Meersburg (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (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 F16K 31/08, 11/02

(11) WO 02/086364 (13) A1

(21) PCT/GB02/01866

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109975.3 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • ELECTROMAGNETICALLY OPERATED VALVE
• SOUPE A COMMANDE ELECTROMAGNETIQUE
- (71) CAMCON LIMITED [GB/GB]; St John's Innovation Park, Cowley Road, Cambridge CB4 4WS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WYGNANSKI, Wladyslaw [PL/GB]; 24 Craister Court, Cambridge CB4 2SL (GB).
- (74) KEITH W. NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 37/00
(11) WO 02/086365 (13) A1
(21) PCT/US02/12503
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/284,839 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LINEAR INDICATOR FOR A VALVE
• INDICATEUR LINEAIRE POUR SOUPE
- (71) ASCO CONTROLS, L.P. [US/US]; 50 Hanover Road, Florham Park, NJ 07932 (US).
- (72) PIMOUGUET, Olivier, Denis; 6, residence de Flanders, Luce 28111 (FR).
- (74) MCDERMOTT, 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).
- Published / Publiée : (c)
-
- (51)⁷ F16K 43/00, 5/20
(11) WO 02/086366 (13) A1
(21) PCT/PL01/00057
(22) 2 Jul/juil 2001 (02.07.2001)
(25) en (26) en
- (30) P-347255 23 Apr/avr 2001 PL (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THE WAY OF REPLACEMENT OF MAIN SEALS IN A BALL VALVE AND A BALL VALVE
• PROCEDE D'ECHANGE DES JOINTS DE SIEGE DANS UNE VANNE A BOISSEAU SPHERIQUE
- (71) ZAKLAD URZADZEN GAZOWNICZYCH "GAZOMET" [PL/PL]; Spółka z o.o., ul. Sarnowska 2, PL-63-900 Rawicz (PL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAPCZYNSKI, Przemyslaw [PL/PL]; Os. Wl. Jagielly 11a/1, PL-60-688 Poznan (PL). KALUZA, Stanislaw [PL/PL]; ul. Sosnowa 1a, PL-63-900 Rawicz (PL).
- (74) KAPCZYNSKI, Przemyslaw; Zaklad Urzadzen Gazowniczych "Gazomet", Spolka z o.o., ul. Sarnowska 2, PL-63-900 Rawicz (PL).
- (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 F16L
(11) WO 02/086367 (13) A2
(21) PCT/US02/12238
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/285,266 20 Apr/avr 2001 US (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FIELD-ATTACHABLE CONNECTOR
• RACCORD A FIXATION SUR LE TERRAIN
- (71) WOODHEAD INDUSTRIES, INC. [US/US]; Three Parkway North, Suite 550, Deerfield, IL 60015-2568 (US).
- (72) COMINI, Riccardo; mPm S.r.l., Via Zucchi, 39 int. G, I-20095 Cusano Milanino (IT).
- (74) HILL, Thomas, E.; Emrich and Dithmar, 300 South Wacker Drive, Suite 3000, Chicago, IL 60606 (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 F16L 3/14
(11) WO 02/086368 (13) A1
(21) PCT/GB02/01817
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 0109713.8 20 Apr/avr 2001 GB (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOUNTING ASSEMBLIES
• ENSEMBLES DE MONTAGE
- (71, 72) BARTON, Peter, Clarence [GB/GB]; Press-Tech Engineering, Unit 5, Mounts Road, Wednesbury, West Midlands WS10 0BU (GB). BARTON, Stephen, Paul [GB/GB]; Press-Tech Engineering, Unit 5,
- Mounts Road, Wednesbury, West Midlands WS10 0BU (GB).
- (74) PARNHAM, Kevin; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/04
(11) WO 02/086369 (13) A1
(21) PCT/US02/13076
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 09/843,493 25 Apr/avr 2001 US (25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THREADED COUPLING WITH WATER EXCLUSION SEAL SYSTEM
• MANCHON TARAUDE AMELIORE EQUIPE D'UN SYSTEME D'ETANCHEITE PAR EPANCHEMENT
- (63) US 09/843,493 (CON) 25 Apr/avr 2001 (25.04.2001)
- (71) G.B. TUBULARS, INC. [US/US]; 1444 Blalock Road, Houston, TX 77055 (US). SHELL OIL COMPANY [US/US]; 910 Louisiana, Houston, TX 77002-4916 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANNELLA, Eugene, J. [US/US]; 7610 Pecan Lake Circle, Richmond, TX 77469 (US). PETERSON, James, L. [US/US]; 852 Lamar, Terrytown, LA 70056 (US).
- (74) DELLETT, Stephen, D.; 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 F16L 17/04, F16B 31/02
(11) WO 02/086370 (13) A1
(21) PCT/IB02/01369
(22) 25 Apr/avr 2002 (25.04.2002)
(25) de (26) de

(30) 0761/01 25 Apr/avr 2001 CH
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONNECTING DEVICE
• DISPOSITIF DE CONNEXION

(71) STRAUB WERKE AG [CH/CH]; Straubstrasse 13, CH-7323 Wangs (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANGARTNER, Hanspeter [CH/CH]; Schönaustrasse 35, CH-8722 Kaltbrunn (CH). HÄBERLI, Hanspeter [CH/CH]; Im Gosten, CH-8887 Unterterzen (CH).

(74) ROSENICH, Paul et al. / etc.; Patentbüro Paul Rosenich AG, BGZ, LI-9497 Triesenberg (LI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 19/06, 19/07, 19/065, 21/04, 47/04, 47/10, 47/12

(11) WO 02/086371 (13) A1

(21) PCT/AU02/00487

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4470 19 Apr/avr 2001 AU
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PIPE COUPLING
• COUPLAGE DE CONDUITS

(71) PHILMAC PTY LTD [AU/AU]; 53 Deeds Road, North Plympton, S.A. 5037 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHELCHOWSKI, David [AU/AU]; 79 Jetty Road, Largs Bay, S.A. 5016 (AU). PUCKETT, Geoffrey, Bryan [AU/AU]; 27 Slade Crescent, Hallett Cove, S.A. 5158 (AU). RAYMOND, Luke [AU/AU]; 41 William Street, Clarence Park, S.A. 5034 (AU).

(74) LESICAR PERRIN; 49 Wright Street, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 23/00, B23P 19/06

(11) WO 02/086372 (13) A1

(21) PCT/GB02/01793

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 0109994.4 24 Apr/avr 2001 GB
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR SPREADING FLANGES OF PIPES

• APPAREIL D'EXTENSION DE BRIDES DE TUBES

(71) FUTURE ALIGNMENTS LIMITED [GB/GB]; Inch Road, Newburgh, Aberdeenshire AB41 6BQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEIDE, Haaken, Christopher [NO/GB]; 179 Forest Avenue, Aberdeen AB15 4UU (GB).

(74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 37/00, 31/00

(11) WO 02/086373 (13) A1

(21) PCT/IB02/01045

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 16 566.8 3 Apr/avr 2001 DE
(03.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TUBING CONNECTION SYSTEM COMPRISING TUBING CODING

• SYSTEME DE CONNEXION DE TUYAU A CODAGE DE TUYAU

(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) ZWIRNER, Jörg [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOUTEN, Marcus, M.; International 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).

(51)⁷ F16L 51/04

(11) WO 02/086374 (13) A1

(21) PCT/NO02/00151

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 20012004 24 Apr/avr 2001 NO
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THREE DIMENSIONAL PIPE COIL
• SERPENTIN TRIDIMENSIONNEL

(71, 72) ASKELAND, Helge [NO/NO]; Stokkabrautene 7B, N-4023 Stavanger (NO). KRISTIENSEN, Jan, Allan [NO/NO]; Skredbakka 2, N-4048 Hafslund (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 55/105 // 55/10

(11) WO 02/086375 (13) A1

(21) PCT/FI01/00387

(22) 20 Apr/avr 2001 (20.04.2001)

(25) fi (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CUTTING OFF A TUBE AND FOR BLOCKING THE FLOW

• PROCEDE POUR DECOUPER UN TUBE ET POUR BLOQUER UN ECOULEMENT

(71) TONISCO SYSTEM OY [FI/FI]; Aarikkalankatu 24, FIN-33530 Tampere (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISSO, Kari [FI/FI]; Kuikkankatu 33, FIN-33100 Tampere (FI).

(74) NIEMINEN, Taisto; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FIN-33200 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 F16M 11/12, 11/02

(11) WO 02/086376 (13) A1

(21) PCT/US02/12731

(22) 20 Apr/avr 2002 (20.04.2002)

(25) en (26) en

(30) 60/285,349 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • HEAVY-DUTY STABILIZED CAMERA
HEAD WITH CAMERA POSITION
SENSING

- TETE DE CAMERA STABILISEE RO-
BUSTE AVEC DETECTION DE POSI-
TION DE LA CAMERA

(71) AUTOCUE, INC. [US/US]; 104 East 25th
Street, New York, NY 10010 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) JOHNSON, Joel, W. [US/US]; 1931
Port Albans Place, Newport Beach, CA
92660 (US).

(74) RUSCHAU, Pamela, J. et al. / etc.; Leydig,
Voit & Mayer, Ltd., Two Prudential Plaza,
Suite 4900, 180 North Stetson, Chicago, IL
60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ F16N

(11) WO 02/086377 (13) A2

(21) PCT/US02/12688

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,318 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FIFTH WHEEL LUBE PLATE HAVING
A PERFORATED SUPPORT MEMBER

- PLAQUE DE GRAISSAGE DE SEL-
LETTE D'ATTELAGE EQUIPEE D'UN
ELEMENT DE SUPPORT PERFORE

(71) THE HOLLAND GROUP, INC. [US/US];
467 Ottawa Avenue, Post Office Box 2099,
Holland, MI 49422-2099 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HUNGERINK, Gerald, W. [US/US];
4682 Beech Street, Holland, MI 49423-8924
(US). PERNESKY, David, R. [US/US];
2061 Breeze Drive, Holland, MI 49424 (US).

(74) CARRIER, Robert, J.; Price, Heneveld,
Cooper, DeWitt & Litton, 695 Kenmoor,
S.E., P.O. BOX 2567, Grand Rapids, MI
49501-2567 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ F16N 39/06, B03C 1/00

(11) WO 02/086378 (13) A1

(21) PCT/IB02/01810

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 0106003.7 12 Mar/mar 2001 GB
(12.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • LUBRICATION SYSTEM

- SYSTEME DE LUBRIFICATION

(71) HANSEN TRANSMISSIONS INTER-
NATIONAL NV [BE/BE]; Leonardo da
Vincilaan 1, B-2650 Edegem, Antwerp (BE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LEIMANN, Dirk-Olaf [BE/BE];
Hansen Transmissions International NV,
Leonardo Da Vincilaan, B-2650 Edegem,
Antwerp (BE).

(74) BADGER, John, Raymond; Invensys Intel-
lectual 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 F17C 5/02, 5/04

(11) WO 02/086379 (13) A1

(21) PCT/EP02/04259

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 115.4 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PRESSURE CONTAINER

- RÉCIPIENTS POUR FLUIDES SOUS
PRESSION

(71) MESSER GRIESHEIM GMBH [DE/DE];
Fritz-Klatte-Str. 6, 65933 Frankfurt (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MICHEL, Friedel [DE/DE]; Momm-
senstr. 14, 40699 Erkrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 F17C 13/06, 1/00

(11) WO 02/086380 (13) A1

(21) PCT/SE02/00750

(22) 17 Apr/avr 2002 (17.04.2002)

(25) sv (26) en

(30) 0101385-3 20 Apr/avr 2001 SE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CONTAINER FOR PRESSURISED AIR

- RECIPIENT POUR AIR PRESSURISE

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87
Södertälje (SE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) RYBLAD, Åke [SE/SE]; Fölvägen 5,
S-152 57 Södertälje (SE).

(74) FORSELL, Hans; Scania CV AB, Patents,
S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ F17D 1/16, 1/17, 1/04, 1/04, F15D 1/06,
C10L 3/00, C09K 3/00, C10L 1/18

(11) WO 02/086381 (13) A1

(21) PCT/US02/07564

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 60/286,228 24 Apr/avr 2001 US
(24.04.2001)(30) 09/944,837 30 Aug/août 2001 US
(30.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRAG REDUCTION USING FATTY ACIDS

- REDUCTION DE LA RESISTANCE A L'ÉCOULEMENT A L'AIDE D'ACIDES GRAS

(71) BAKER HUGHES INCORPORATED [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) JOVANCICEVIC, Vladimir; 2231 Shadow Crest Drive, Richmond, TX 77469 (US). BARTTRIP, Keith, A.; 510 Pin Oak Street, Baytown, TX 77520 (US).

(74) LITTLEFIELD, Stephen, A.; Baker Petro-lite Division, Baker Hughes Inc., Division Intellectual Property Counsel, 12645 West Airport Boulevard, Sugar Land, TX 77478 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 8/00, G02F 1/13357, G09F 9/00

(11) WO 02/086382 (13) A1

(21) PCT/JP01/11319

(22) 21 Dec/déc 2001 (21.12.2001)

(25) ja (26) ja

(30) 2001-120015 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ILLUMINATOR, LIQUID CRYSTAL DISPLAY COMPRISING IT AND LAMP SOCKET

- ILLUMINATEUR, AFFICHAGE A CRISTAUX LIQUIDES COMPORTANT LEDIT ILLUMINATEUR ET DOUILLE DE LAMPE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORIBE, Akihiro [JP/JP]; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). NISHIKAI, Akiko [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(74) SAKAGUCHI, Hiroshi et al. / etc.; Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F21V 17/10, 17/16, F21S 8/00

(11) WO 02/086383 (13) A1

(21) PCT/DE02/01529

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 201 07 299.8 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEADLIGHT WITH A HOUSING THAT IS PROVIDED WITH FIXING CLAWS

- PROJECTEUR COMPORTANT UN BOITIER POURVU DE GRIFFES DE RETENUE

(71) ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIEBS KG [DE/DE]; Türkenstrasse 89, 80799 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEGMAIER, Klaus-Dieter [DE/DE]; Altenstein 14, 94234 Viechtach (DE).

(74) MÜLLER, Wolfram, H.; Patentanwälte, Maikowski & Ninnemann, PF 15 09 20, 10671 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 F21V 17/14

(11) WO 02/086384 (13) A2

(21) PCT/DE02/01462

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 101 20 740.9 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR CONNECTING A FIRST OPTICAL COMPONENT TO A SECOND OPTICAL COMPONENT

- DISPOSITIF POUR CONNECTER UN PREMIER COMPOSANT OPTIQUE A UN SECOND COMPOSANT OPTIQUE

(71) ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIEBS KG [DE/DE]; Türkenstrasse 89, 80799 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEGMAIER, Klaus-Dieter [DE/DE]; Altenstein 14, 94234 Viechtach (DE). DÖRNER, Thomas [DE/DE]; Josef Hamberger Str. 3b, 83059 Kolbermoor (DE).

(74) DR. MÜLLER, Wolfram H.; Patentanwälte, Maikowski & Ninnemann, PF 15 09 20, 10671 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 F22B 1/18, C10J 3/86

(11) WO 02/086385 (13) A1

(21) PCT/JP02/03906

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 2001-121726 19 Apr/avr 2001 JP
(19.04.2001)(30) 2001-176460 12 Jun/juin 2001 JP
(12.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WASTE HEAT BOILER

- CHAUDIERE DE RECUPERATION

(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) KOJIMA, Toshio [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). KOSUGI, Shigeru [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

KAMISADA, Masaji [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). ANDO, Tet-suya [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 F23D 14/00, F23G 7/08

(11) WO 02/086386 (13) A1

(21) PCT/US02/12443

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,698 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLARE STACK COMBUSTION APPARATUS AND METHOD

- PROCEDE ET APPAREIL DE COMBUSTION POUR TORCHE DE BRULAGE

(71) ARAMCO SERVICES COMPANY [US/US]; 9009 West Loop South, P.O.

- Box 4535, Houston, TX 72210-4535 (US).
SAUDI ARABIAN OIL COMPANY
 [SA/SA]; R-3296, Administration Building, Dharhran 31311 (SA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASHHOUR, Mazen, M.** [SA/SA]; Dharan 31311 (SA).
- (74) **SPATH, Thomas, E.**; Abelman, Feayne & Schwab, 150 East 42nd Street, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F23H 1/06, 11/06, 17/08, F24B 1/193**
- (11) **WO 02/086387** (13) A1
- (21) PCT/US02/12282
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 09/836,995 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FIREPLACE GRATE
 • GRILLE DE FOYER
- (71, 72) **LEE, James, F.** [US/US]; 42-06 220th Street, Bayside, NY 11361 (US).
- (74) **LABRUNO, David**; Morgan & Finnegan LLP, 345 Park Avenue, New York, NY 10154 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F23J 1/08, F23G 5/027**
- (11) **WO 02/086388** (13) A1
- (21) PCT/JP02/03905
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 2001-121725 **19 Apr/avr 2001** JP
(19.04.2001)
- (30) 2001-174540 **8 Jun/juin 2001** JP
(08.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SLAGGING COMBUSTION FURNACE
 • FOUR DE COMBUSTION A SCORIFICATION
- (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) **NOSE, Hiroya** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **WATANABE, Kazuaki** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **KOJIMA, Toshio** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **KOSUGI, Shigeru** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **ANDO, Tetsuya** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
- (74) **WATANABE, Isamu et al.** / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F23J 15/02, F23G 5/027**
- (11) **WO 02/086389** (13) A1
- (21) PCT/JP02/03908
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 2001-120601 **19 Apr/avr 2001** JP
(19.04.2001)
- (30) 2001-221031 **23 Jul/juil 2001** JP
(23.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WASTE TREATMENT APPARATUS AND METHOD
 • APPAREIL ET PROCEDE DE TRAITEMENT DES DECHETS
- (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) **ABE, Shinya** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **SHIBA, Takeshige** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
- (74) **WATANABE, Isamu et al.** / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 **F24F 3/14**
- (11) **WO 02/086391** (13) A1
- (21) PCT/IL01/00374
- (22) **23 Apr/avr 2001 (23.04.2001)**
- (25) en (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS FOR CONDITIONING AIR
 • DISPOSITIF DE CONDITIONNEMENT D'AIR
- (71) **DRYKOR LTD.** [IL/IL]; P.O. Box 17, 30300 Atlit (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORKOSH, Mordechai** [IL/IL]; Derech Hayam Street 58, 31043 Haifa (IL). **FORKOSH, Dan** [IL/IL]; Hamachtarot Street 9, 30300 Atlit (IL). **FORKOSH, Tomy** [IL/IL]; Shoshanat Hacarmel Street 54, 34322 Haifa (IL).
- (74) **FENSTER, Paul et al.** / etc.; Fenster and Company Patent Attorneys Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 F24F 3/14, F25B 29/00

(11) WO 02/086392 (13) A1

(21) PCT/JP02/03724

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 2001-120332 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEAT PUMP AND DEHUMIDIFYING
AIR-CONDITIONING APPARATUS
• THERMOPOMPE ET APPAREIL DE
CONDITIONNEMENT D'AIR DESHU-
MIDIFICATEUR

(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) MAEDA, Kensaku [JP/JP]; c/o Ebara
Corporation, 11-1, Haneda Asahi-cho,
Ohta-ku, Tokyo 144-8510 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA
Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku
7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN 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 13/08

(11) WO 02/086393 (13) A1

(21) PCT/KR01/02107

(22) 6 Dec/déc 2001 (06.12.2001)

(25) ko (26) en

(30) 2001/21436 20 Apr/avr 2001 KR
(20.04.2001)

(30) 2001/46403 31 Jul/juil 2001 KR
(31.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INDOOR UNIT FOR AIR CONDI-
TIONER
• UNITE INTERNE POUR CONDITION-
NEUR D'AIR

(71) LG ELECTRONICS INC. [KR/KR];
20, Yoido-dong, Youngdungpo-gu, Seoul
150-010 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOO, Chang-Hwoi [KR/KR]; 12-109,
Shinwol-dong, Changwon-shi, Kyongsang-
buk-do 641-060 (KR). KANG, Seong-Min
[KR/KR]; Joogong Apt., 209-701 , ,
Beoskkochmaeul, Jacun-dong, Jinhae-shi,
Kyongsangnam-do 645-300 (KR).

(74) BAHNG, Hae-Cheol et al. / etc.; Kims Inter-
national Patent & Law Office, 15th Floor Yo

Sam Building 648-23 Yeoksam-dong, Kang-
nam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ F24H 8/00, F23L 17/00, F23N 1/02

(11) WO 02/086394 (13) A1

(21) PCT/CA02/00521

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/837,296 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONDENSING BOILER
• CHAUDIERE A CONDENSATION

(71) IBC TECHNOLOGIES INC. [CA/CA];
310 East 5th Avenue, Vancouver, British
Columbia V5T 1H4 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MACGOWAN, Kenneth, Bruce
[CA/CA]; 3247 West 3rd Avenue, Van-
couver, British Columbia V6K 1N5 (CA).
TERON, Allan, Lee [CA/CA]; #412 - 1345
Comox Street, Vancouver, British Columbia
V6E 4E4 (CA).

(74) CAMERON, Norman, M.; 1401 - 1166
Alberni Street, Vancouver, British Columbia
V6E 3Z3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 9/00, F23L 15/02, F28D 17/00,
F01B 29/10

(11) WO 02/086395 (13) A1

(21) PCT/US02/12129

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,840 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PULSE TUBE INTEGRAL FLOW
SMOOTHER
• LISSEUR DE FLUX INTEGRE POUUR
TUYAU DE PULSATION

(71) SHI APD CRYOGENICS [US/US]; 1833
Vultee Street, Allentown, PA 18103-4783
(US).

(72) LONGSWORTH, Ralph, C.; 2521 Green
Acres Drive, Allentown, PA 18103 (US).

(74) HELFGOTT, Samson et al. / etc.; Katten,
Muchin, Zavis, Rosenman, 575 Madison Av-
enue, New York, NY 10022-2585 (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 F25B 49/02

(11) WO 02/086396 (13) A1

(21) PCT/US02/10913

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/838,196 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR
CONTROLLING THE REMOVAL OF
HEAT FROM THE CONDENSER IN A
REFRIGERATION SYSTEM
• PROCEDE ET DISPOSITIF D'EVACUA-
TION DE LA CHALEUR DU CONDEN-
SEUR D'UN SYSTEME DE REFRIGE-
RATION

(71) YORK INTERNATIONAL CORPORA-
TION [US/US]; 631 South Richland Avenue,
York, PA 17403 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CRANE, Curtis [US/US]; 947 Virginia
Avenue, York, PA 17403 (US). JUDGE, John
[US/US]; 18599 Ridge Meadow Road, Stew-
artstown, PA 17363 (US).

(74) MILLER, Jonathan; McNeese, Wallace &
Nurick LLC, 100 Pine Street, P.O. Box 1166,
Harrisburg, PA 17108-1166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 49/04, 15/02, F24F 5/00, F25B 29/00

(11) WO 02/086397 (13) A1

(21) PCT/JP02/02924

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 2001-088514 26 Mar/mar 2001 JP
(26.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AIR CONDITIONER
• CONDITIONNEUR D'AIR

(71) YAZAKI CORPORATION [JP/JP]; 4-28,
Mita 1-chome, Minato-ku, Tokyo 108-0073
(JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TONGU, Shinji** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP). **MATSUKIYO, Tomiyuki** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP). **ARITA, Akira** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP). **ICHINO, Yoshihiro** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP). **OGAI, Masato** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP). **YAMAUCHI, Akira** [JP/JP]; c/o Yazaki Corporation, 1370, Koyasu-cho, Hamamatsu-shi, Shizuoka 435-0015 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, Ark Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) CN IN KR US.

(84) EP (DE ES FR GB GR IT).

Published / Publiée : (c)

(51)⁷ F25C 1/04

(11) **WO 02/086398** (13) A1

(21) PCT/NO02/00144

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) no (26) en

(30) 20012002 **23 Apr/avr 2001** NO
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A DEVICE FOR A TILT CONTAINER
• DISPOSITIF POUR BAC BASCULANT

(71) **ICE MAKER AS** [NO/NO]; Torridalsveien 21a, N-4630 KRISTIANSAND S. (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JØRGENSEN, Sten, Ove** [NO/NO]; Østre Strandgate 41, N-4610 KRISTIANSAND S. (NO). **EIKAAS, Jan, Steinar** [NO/NO]; Tingvollen 11, N-4640 SØGNE (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 SANDNES (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/04, 1/08

(11) **WO 02/086399** (13) A1

(21) PCT/NO02/00145

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) no (26) en

(30) 20012003 **23 Apr/avr 2001** NO
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN EVAPORATOR DEVICE
• EVAPORATEUR

(71) **ICE MAKER AS** [NO/NO]; Torridalsveien 21a, N-4630 Kristiansand S. (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JØRGENSEN, Sten, Ove** [NO/NO]; Østre Strandgate 41, N-4610 Kristiansand S. (NO). **EIKAAS, Jan, Steinar** [NO/NO]; Tingvollen 11, N-4640 Sogne (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/24, B65D 33/16

(11) **WO 02/086400** (13) A1

(21) PCT/CA02/00544

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 09/841,563 **23 Apr/avr 2001** US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FREEZER BAGS WITH INTEGRAL CLOSURE MEANS
• SACS DE CONGELATION A FERMETURE INTEGREE

(71) **FOLKMAR, Raphaela** [CH/CH]; Arnika, CH-7050 Arosa (CH).
(for all designated States except / pour tous les États désignés sauf US)

(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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/04

(11) **WO 02/086401** (13) A1

(21) PCT/AU02/00492

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) PR 4405 **19 Apr/avr 2001** AU
(19.04.2001)

(30) PR 4697 **2 May/mai 2001** AU
(02.05.2001)

(30) PR 8883 **15 Nov/nov 2001** AU
(15.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SNOW MAKING METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE FABRICATION DE NEIGE

(71) **BUCCERI TECHNOLOGIES PTY LTD** [AU/AU]; Ground Floor, 345 Ann Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCCERI, Alfio** [AU/AU]; 40 Wilston Road, Newmarket, Queensland 4051 (AU).

(74) **FISHER ADAMS KELLY**; Level 13, AMP Place, 10 Eagle Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25D

(11) **WO 02/086402** (13) A2

(21) PCT/US02/09308

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) en (26) en

(30) 09/837,502 **18 Apr/avr 2001** US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPACT PRECOOLER
• PREREFROIDISSEUR COMPACT

- (71) UTC FUEL CELLS, LLC [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).
- (72) CIPOLLINI, Ned, E.; 46 Neelans Road, Enfield, CT 06082 (US). VINCITORE, Antonio, M.; 465 Buckland Hills Drive, Apt. 35221, Manchester, CT 06040 (US).
- (74) LAPOINTE, Gregory, P.; 900 Chapel Street, Suite 1201, New Haven, CT 06510-2802 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 F25D 13/06, F25J 3/02, C03B 37/023, 37/027
- (11) WO 02/086403 (13) A1
- (21) PCT/EP02/03495
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/285,363 20 Apr/avr 2001 US (20.04.2001)
- (30) 10/012,826 13 Nov/nov 2001 US (13.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND METHODS FOR LOW PRESSURE CRYOGENIC COOLING, IN PARTICULAR OF OPTICAL FIBERS
- APPAREIL ET PROCEDES DE REFROIDISSEMENT CRYOGENIQUE A FAIBLE PRESSION, NOTAMMENT DES FIBRES OPTIQUES
- (71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
- (72) PAGANESSI, Joseph, E.; 1432 Tomlin Drive, Burr Ridge, IL 60521 (US).
- (74) PITTIS, Olivier; L'Air Liquide, S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
- (81) AU BR CN IN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(i) for all designations / pour toutes les désignations
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- (51)⁷ F25J 3/00
- (11) WO 02/086404 (13) A1
- (21) PCT/US02/11793
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) en (26) en
- (30) 09/839,907 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LNG PRODUCTION IN CRYOGENIC NATURAL GAS PROCESSING PLANTS
- PRODUCTION DE GNL DANS DES INSTALLATIONS DE TRAITEMENT DU GAZ NATUREL PAR CRYOGENIE
- (71) ELCOR CORPORATION [US/US]; Wellington Centre, Suite 1000, 14643 Dallas Parkway, Dallas, TX 75240-8871 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) CAMPBELL, Wanda, P. (heiress of the deceased inventor / héritière de l'inventeur décédé) [US/US]; 1600 West Cuthbert, Midland, TX 70701 (US).
(only for / seulement pour US)
- (72) CAMPBELL, Roy, E. (deceased / décédé).
- (72, 75) WILKINSON, John, D. [US/US]; 2800 W. Dengar, Midland, TX 79705 (US). HUDSON, Hank, M. [US/US]; 2508 W. Sinclair, Midland, TX 79705 (US). CUELLAR, Kyle, T. [US/US]; 1611 Cottage Point, Katy, TX 77494 (US).
- (74) MURNANE, John, D. et al. / etc.; Baker Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 F27B
- (11) WO 02/086405 (13) A2
- (21) PCT/JP02/03907
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 2001-122859 20 Apr/avr 2001 JP (20.04.2001)
- (30) 2001-195269 27 Jun/juin 2001 JP (27.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SLAGGING COMBUSTION FURNACE
- FOUR DE COMBUSTION A SCORIFICATION
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
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- (72, 75) ISHIKAWA, Ryuichi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). ENDO, Hidekazu [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). CHO, Hiromitsu [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
- (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 F27B 9/18
- (11) WO 02/086406 (13) A1
- (21) PCT/EP02/04586
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 90 766 25 Apr/avr 2001 LU (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF OPERATING A MULTIPLE HEARTH FURNACE
- PROCEDE POUR FAIRE FONCTIONNER UN FOUR A SOLES MULTIPLES
- (71) PAUL WURTH S.A. [LU/LU]; 32, rue d'Alsace, L-1122 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUTMACHER, Patrick [LU/LU]; 15, rue Dr. Albert Schweitzer, L-3282 Bettembourg (LU). FERRETTI, Pascal [LU/LU]; 10, cité Henri Grey, L-4577 Differdange (LU). ARENDT, Steve [LU/LU]; 84, rue de Rumelange, L-3784 Tétange (LU). LONARDI, Emile [LU/LU]; 30, rue de Schouweiler, L-4945 Bascharage (LU).
- (74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 F27B 9/18
- (11) WO 02/086407 (13) A1
- (21) PCT/EP02/05114
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 90762 20 Apr/avr 2001 LU (20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RABBLE ARM FOR A FURNACE
• BRAS DE RACLAGE POUR FOUR
- (71) PAUL WURTH S.A. [LU/LU]; 32, rue d'Alsace, 1122 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STREITZ, Serge [LU/LU]; 11, rue Bechel, 3611 Kayl (LU). ARENDT, Steve [LU/LU]; 84, rue de Rumelange, 3784 Tétange (LU). LONARDI, Emile [LU/LU]; 30, rue de Schouweiler, 4945 BASCHARAGE (LU). HUTMACHER, Patrick [LU/LU]; 15, rue Dr. Albert Schweitzer, 3282 Bettembourg (LU). KRAEMER, Edgar [LU/LU]; 40, rue de l'École, 3335 Hellange (LU).
- (74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 F28D 1/03, B21C 37/15
- (11) WO 02/086408 (13) A1
- (21) PCT/FR02/01304
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) fr (26) fr
- (30) 01/05381 20 Apr/avr 2001 FR (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FOLDED TUBE FOR A HEAT EXCHANGER AND METHOD FOR THE PRODUCTION THEREOF
• TUBE PLIE POUR ECHANGEUR DE CHALEUR ET PROCEDE POUR SA CONFORMATION
- (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]; 18A 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 F41H 5/007
- (11) WO 02/086410 (13) A1
- (21) PCT/EP02/04135
- (22) 13 Apr/avr 2002 (13.04.2002)
- (25) de (26) de
- (30) 101 19 596.6 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REACTIVE ARMOR MODULE
• MODULE DE BLINDAGE REACTIF
- (71) DIEHL MUNITIONSSYSTEME GMBH & CO. KG. [DE/DE]; Fischbachstrasse 16, 90552 Röthenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLÜTER, Klaus [DE/DE]; Jägerstrasse 9, 90542 Eckental (DE). RUDOLF, Karl [DE/DE]; Georg-Hitl-Str. 8, 86529 Schrobenhausen (DE). SCHILDKNECHT, Manfred [DE/DE]; Fasanenweg 38, 90542 Eckental-Eckenhaid (DE).
- FI FR GB GR IE IT LU MC 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 F41B
- (11) WO 02/086409 (13) A2
- (21) PCT/US02/12133
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/285,220 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOISE ABATEMENT SYSTEM FOR A GUN
• SYSTEME D'ATTENUATION DE BRUIT POUR UN CANON
- (71) WRIGHT-MALTA CORPORATION [US/US]; 40 Malta Test Station Road, Ballston Spa, NY 12020 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAZYAKA, Raymond, P. [US/US]; 490 Green Road, Greenfield Center, NY 12833 (US). KAZYAKA, Raymond, J. [US/US]; 62 St. Stephens Lane North, Scotia, NY 12302 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 F41H 5/007
- (11) WO 02/086410 (13) A1
- (21) PCT/EP02/04135
- (22) 13 Apr/avr 2002 (13.04.2002)
- (25) de (26) de
- (30) 101 19 596.6 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REACTIVE ARMOR MODULE
• MODULE DE BLINDAGE REACTIF
- (71) DIEHL MUNITIONSSYSTEME GMBH & CO. KG. [DE/DE]; Fischbachstrasse 16, 90552 Röthenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLÜTER, Klaus [DE/DE]; Jägerstrasse 9, 90542 Eckental (DE). RUDOLF, Karl [DE/DE]; Georg-Hitl-Str. 8, 86529 Schrobenhausen (DE). SCHILDKNECHT, Manfred [DE/DE]; Fasanenweg 38, 90542 Eckental-Eckenhaid (DE).
- (74) DIEHL STIFTUNG & CO.; Zentrale Patentabteilung, Stephanstrasse 49, 90478 Nürnberg (DE).
- (81) CA CN IL KR SG UA 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)
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- (51)⁷ F42B 10/38, 14/02
- (11) WO 02/086411 (13) A1
- (21) PCT/SE02/00715
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) sv (26) en
- (30) 0101366-3 19 Apr/avr 2001 SE (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD AND A DEVICE FOR IMPROVING THE EXTERNAL BALLISTICS OF AN ARTILLERY SHELL
• PROCEDE ET DISPOSITIF POUR AMELIORER LES PARAMETRES BALLISTIQUES D'UN OBUS D'ARTILLERIE
- (71) BOFORS DEFENCE AB [SE/SE]; S-691 80 Karlskoga (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HELLMAN, Ulf [SE/SE]; Dinarvägen 12, S-89430 Själevad, Örnsköldsvik (SE).
- (74) LUNDAHL, Kjell; Saab Bofors Support AB, Patents and Trademarks, S-691 80 Karlskoga (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 F42B 12/74
- (11) WO 02/086412 (13) A1
- (21) PCT/CA02/00583
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,172 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LEAD-FREE PROJECTILES
• PROJECTILES SANS PLOMB
- (71, 72) CESARONI, Anthony, Joseph [CA/CA]; 9 Heathmore Court, Unionville, Ontario L3R 8H1 (CA).
- (74) BARTOSZEWICZ, Lola, A.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 12/74, 12/36

(11) WO 02/086413 (13) A1

(21) PCT/US02/12598

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/840,568 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TAGGING OF BULLETS WITH LUMINESCENT MATERIALS

• CIBLAGE DE BALLE A L'AIDE DE MATERIAUX LUMINESCENTS

(71) UT-BATTELLE, LLC [US/US]; P.O. Box 2008, Oak Ridge, TN 37831 (US).

(72) LOWDEN, Richard, A.; 435 Mariner Point Drive, Clinton, TN 37716 (US). VAUGHAN, Norman, L.; 2428 Tori Road, Knoxville, TN 37923 (US). SMITH, Cyrus, M.; 2336 Craig Cove Road, Knoxville, TN 37919 (US). ALLISON, Stephen, W.; 406 Mapletree Drive, Knoxville, TN 37922 (US).

(74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F42B 12/78

(11) WO 02/086414 (13) A1

(21) PCT/EP02/04236

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 156.1 19 Apr/avr 2001 DE (19.04.2001)

(30) 102 11 094.8 14 Mar/mar 2002 DE (14.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BULLET FOR INFANTRY AMMUNITION

• PROJECTILE DESTINE A UNE MUNITION D'INFANTRERIE

(71) DYNAMIT NOBEL GMBH [DE/DE]; Explosivstoff- und Systemtechnik, Kaiserstrasse 1, 53840 Troisdorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIESS, Heinz [DE/DE]; Wiesengrundstrasse 20, 90765 Fürth (DE). MUSKAT, Erich [DE/DE]; Brunnbachstrasse 36, 91154 Roth (DE). ZEIHNER, Erich [DE/DE]; Carlo-Schmid-Strasse 3, 90765 Fürth (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).

Published / Publiée : (c)

(51)⁷ F42B 12/78

(11) WO 02/086415 (13) A1

(21) PCT/US01/47896

(22) 11 Dec/déc 2001 (11.12.2001)

(25) en (26) en

(30) 09/838,097 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BULLET, BULLET JACKET AND METHODS OF MAKING

• BALLE, BLINDAGE DE BALLE ET PROCEDES DE FABRICATION

(63) US 09/838,097 (CON) 19 Apr/avr 2001 (19.04.2001)

(71) ALLTRISTA ZINC PRODUCTS, L.P. [US/US]; 2500 Old Stage Road, Greenville, TN 37744-1890 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Dennis, H. [US/US]; 7 Fox Den Court, Johnson City, TN 37604 (US).

(74) GRIDLEY, Doreen, J. et al. / etc.; Ice Miller, One American Square, Box 82001, Indianapolis, IN 46282-0002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G01B

(11) WO 02/086416 (13) A2

(21) PCT/US02/14979

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,713 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR CORRECTING CROSSTALK AND SPATIAL RESOLUTION FOR MULTICHANNEL IMAGING

• PROCEDE ET APPAREIL DE CORRECTION DE LA DIAPHONIE ET DE LA RESOLUTION SPATIALE DE L'IMAGERIE MULTICANAL

(71) AMNIS CORPORATION [US/US]; 2505 Third Avenue, Suite 210, Seattle, WA 98121 (US).

(72) RILEY, James; 22904 N.E. 46th Street, Redmond, WA 98053 (US). FROST, Keith; 1912 8th Avenue West, Seattle, WA 98119 (US).

(74) ANDERSON, Ronald; Law Offices of Ronald M. Anderson, 600 108th Avenue N.E. Suite 507, Bellevue, WA 98004 (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 G01B 3/28, 5/18, B60C 29/06

(11) WO 02/086417 (13) A1

(21) PCT/GB02/01776

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109979.5 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVEMENTS IN OR RELATING TO TYRE TREAD DEPTH GAUGES

- AMELIORATIONS APORTEES AUX JAUGES DE PROFONDEUR DE LA BANDE DE ROULEMENT
- (71, 72) **LO GIUDICE, Pietro, Vincenzo** [GB/GB]; 16 Chaseville Park Road, London N21 1PD (GB).
- (74) **HOWDEN, Christopher, A.**; 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).
- Published / Publiée : (c)
- (51)⁷ **G01B 11/00**
- (11) **WO 02/086418** (13) A1
- (21) PCT/FI02/00318
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) fi (26) en
- (30) 20010808 **19 Apr/avr 2001 US (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR INDICATING A POINT IN A MEASUREMENT SPACE
- METHODE PERMETTANT D'INDIQUER UN POINT DANS UN ESPACE DE MESURE
- (71) **MAPVISION OY** [FI/FI]; Tietäjantie 10, FIN-02130 Espoo (FI).
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- (72, 75) **LEIKAS, Esa** [FI/FI]; c/o Mapvision Oy, Tietäjantie 10, FIN-02130 Espoo (FI).
- (74) **PAPULA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G01B 11/06, 11/02**
- (11) **WO 02/086419** (13) A1
- (21) PCT/EP02/04368
- (22) **20 Apr/avr 2002 (20.04.2002)**
- (25) de (26) de
- (30) 101 20 992.4 **22 Apr/avr 2001 DE (22.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR DETERMINING THE RADIUS, THE SHARPNESS OR THE SHAPE OF EDGES
- PROCEDE ET DISPOSITIF SERVANT A DETERMINER LE RAYON, LA NETTETE OU LA FORME D'ARETES
- (71, 72) **RÖDER, Gunther** [DE/DE]; Am Kumb 17, 67731 Otterbach (DE).
- (74) **MÖBUS, Daniela**; Kaiserstrasse 85, 72764 Reutlingen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 11/25, 21/04**
- (11) **WO 02/086420** (13) A1
- (21) PCT/US02/12531
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,457 **19 Apr/avr 2001 US (19.04.2001)**
- (30) 60/327,977 **9 Oct/oct 2001 US (09.10.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CALIBRATION APPARATUS, SYSTEM AND METHOD
- APPAREIL, SYSTEME ET PROCEDE DE CALIBRAGE
- (71) **DIMENSIONAL PHOTONICS, INC.** [US/US]; 4 Preston Court, Bedford, MA 01730 (US).
- (72) **SHIRLEY, Lyle, G.**; 105 Flagg Hill Road, Boxborough, MA 01719 (US). **SWANSON, Gary, J.**; 4 Holton Road, Lexington, MA 02421 (US). **DERR, Nathan, D.**; 16A Grant Street, Cambridge, MA 02138 (US).
- (74) **TURANO, Thomas, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01C 21/26, G07C 5/08, G08G 1/052, G06F 17/60**
- (11) **WO 02/086422** (13) A1
- (21) PCT/IE02/00051
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 01109753.2 **20 Apr/avr 2001 EP (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VEHICLE DRIVER QUALITY DETERMINATION METHOD AND SYSTEM
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **G01B 15/02**
- (11) **WO 02/086421** (13) A1
- (21) PCT/DK02/00260
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) da (26) en
- (30) PA 2001 00644 **24 Apr/avr 2001 DK (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR THE MEASUREMENT OF THE LAYER THICKNESSES OF A MULTI-LAYER PIPE
- SYSTEME ET PROCEDE DE MESURE DES EPAISSEURS DE COUCHES D'UN CONDUIT MULTICOUCHE
- (71) **SCITEQ-HAMMEL A/S** [DK/DK]; 13-15 Industrivej, DK-8450 Hammel (DK). **FORCE TECHNOLOGY** [DK/DK]; 345, Park Allé, DK-2605 Brøndby (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLESEN, Finn, Fallentin** [DK/DK]; 3, Grønningen, Ejby, DK-4623 LI. Skænsved (DK). **FINK, Jørgen** [DK/DK]; 51, Magnoliavej, DK-2000 Frederiksberg (DK). **NIELSEN, Bill, Sejer** [DK/DK]; 13-15, Industrivej, DK-8450 Hammel (DK).
- (74) **CHAS. HUDE A/S**; 33, H.C. Andersens Boulevard, DK-1780 Copenhagen V (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA QUALITE DE CONDUITE D'UN CONDUCTEUR DE VEHICULE
- (71) **CELTRAK RESEARCH LIMITED** [IE/IE]; IDA Industrial Estate, Dunmore Road, Tuam, County Galway (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICE, Kevin, Joseph** [IE/IE]; 15 The Baily, Circular Road, Galway (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 **G01D 5/14, 5/16, F15B 15/28**
- (11) **WO 02/086423** (13) A1
- (21) PCT/DE02/01399
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) de (26) de
- (30) 101 19 703.9 **20 Apr/avr 2001 (20.04.2001)** DE
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE FOR RECOGNISING THE POSITION, DIRECTION OF MOVEMENT AND/OR SPEED OF A BODY WITH FERROMAGNETIC PROPERTIES
- DISPOSITIF POUR DETECTER LA POSITION, LE SENS DE DEPLACEMENT ET/OU LA VITESSE D'UN CORPS PRESENTANT DES PROPRIETES FERROMAGNETIQUES
- (71) **SECATEC ELECTRONIC GMBH** [DE/DE]; Knappenstrasse 152, 57581 Katzwinkel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARTMANN, Uwe** [DE/DE]; Elstersteinstrasse 19F, 66386 St. Ingbert (DE). **KREKOW, Gerhard** [DE/DE]; Kronenpützchen 10, 41542 Dormagen (DE). **ZÖLLER, K., Wilh.** [DE/DE]; Gäulenwaldstrasse 68, 57518 Betzdorf (DE).
- (74) **WIESKE, Thilo et al. / etc.**; Vièl & Wieske, Feldmannstrasse 110, 66119 Saarbrücken (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01F 1/00**
- (11) **WO 02/086425** (13) A2
- (21) PCT/DE02/01363
- (22) **12 Apr/avr 2002 (12.04.2002)**
- (25) de (26) de
- (30) 101 19 699.7 **20 Apr/avr 2001 (20.04.2001)** DE
- (30) 101 35 142.9 **19 Jul/juil 2001 (19.07.2001)** DE
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE FOR DETERMINING AT LEAST ONE PARAMETER OF A MEDIUM FLOWING IN A CONDUIT
- DISPOSITIF POUR DETERMINER AU MOINS UN PARAMETRE RELATIF A UN FLUIDE CIRCULANT DANS UNE CONDUITE
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 **G01D 5/347**
- (11) **WO 02/086424** (13) A1
- (21) PCT/FR02/01388
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) fr (26) fr
- (30) 01/05576 **25 Apr/avr 2001 (25.04.2001)** FR
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ROLLING BEARING FITTED WITH AN OPTICAL DEVICE FOR DETECTING ROTATIONAL PARAMETERS
- PALIER A ROULEMENT EQUIPE D'UN DISPOSITIF OPTIQUE DE DETECTIONS DE PARAMETRES DE ROTATION
- (71) **AKTIEBOLAGET SKF** [SE/SE]; S-415 50 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GALLION, Samuel** [FR/FR]; 10, rue Gambetta, F-37000 Tours (FR). **GIRARDIN, Carole** [FR/FR]; 4, rue des Oliviers, F-37300 Joue-les-Tours (FR). **MESSAGE, Olivier** [FR/FR]; 32, avenue Mirabeau, F-37000 Tours (FR).
- (74) **BUREAU D.A. CASALONGA-JOSSE**; 8, Avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01F 11/00, 11/28, A61J 3/07, B65B 1/36, 1/42**
- (11) **WO 02/086427** (13) A1
- (21) PCT/EP02/03325
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) 0109871.4 **20 Apr/avr 2001 (20.04.2001)** GB
- (30) 0124187.6 **9 Oct/oct 2001 (09.10.2001)** GB
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METERING METHOD FOR PARTICULATE MATERIAL
- PROCEDE DE DOSAGE DE MATIERES EN PARTICULES
- (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
- (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) **RENNINGER, Erhard** [DE/DE]; Silberstrasse 5, 71706 Markgroeningen (DE). **LENZING, Thomas** [DE/DE]; Beihinger Weg 7/1, 71726 Benningen (DE). **FISCHER, Manfred** [DE/DE]; Am neufeld 10, 71570 Oppenweiler (DE). **KONZELMANN, Uwe** [DE/DE]; Schwalbenweg 14, 71679 Asperg (DE). **SIPPEL, Markus** [DE/DE]; Bahnhofstrasse 63, 71701 Schwieberdingen (DE).
- (81) AU BR 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).
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- (51)⁷ **G01F 1/84**
- (11) **WO 02/086426** (13) A1
- (21) PCT/EP02/02157
- (22) **28 Feb/fév 2002 (28.02.2002)**
- (25) de (26) de
- (30) 01109977.7 **24 Apr/avr 2001 (24.04.2001)** EP
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VIBRATION-TYPE MEASURING TRANSFORMER
- TRANSDUCTEUR DE MESURE DE TYPE VIBRATOIRE
- (71) **ENDRESS + HAUSER FLOWTEC AG** [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).
- (72) **RIEDER, Alfred**; Buchenstrasse 9, 84034 Landshut (DE). **DRAHM, Wolfgang**; Am Hochrainacker 82, 85435 Erding (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).
-

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BONNEY, Stanley, George** [GB/GB]; Glaxo Wellcome plc, Park Road, Ware, Herts SG12 0DP (GB). **DUFFIELD, Howard, Peter** [GB/GB]; Glaxo Wellcome plc, Park Road, Ware, Herts SG12 0DP (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01F 11/32

(11) WO 02/086428 (13) A1

(21) PCT/GB02/01779

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109861.5 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLUID DISPENSING AND MEASURING SYSTEMS
• SYSTEMES DE DISTRIBUTION ET DE MESURE DE FLUIDES

(71) **SYNGENTA Limited** [GB/GB]; European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELSEY, Stephen, Frederick** [GB/GB]; Packaging Innovation Limited, 1-5 Colville Mews, Lonsdale Road, London W11 2AR (GB). **KELSO, John, Madoc** [GB/GB]; Packaging Innovation Limited, 1-5 Colville Mews, Lonsdale Road, London W11 2AR (GB). **O'BRIEN, Gerard, Michael** [GB/GB]; Packaging Innovation Limited, 1-5 Colville Mews, Lonsdale Road, London W11 2AR (GB).

(74) **RICKS, Michael, James et al.** / etc.; Intellectual Property Department, Syngenta Limited, PO Box 3538, Jealott's Hill Research Centre, Bracknell RG42 6YA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01G

(11) WO 02/086429 (13) A2

(21) PCT/IS02/00009

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 5927 24 Apr/avr 2001 IS (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IN-FEED WEIGHING METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE PESAGE EN COURS D'ALIMENTATION

(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) **ARNASON, Ingolfur** [IS/IS]; Soleyrjargata 14, IS-300 Akranes (IS). **GUDMUNDSSON, Kristjan, Thor** [IS/IS]; Skagabraut 37, IS-300 Akranes (IS). **GARDARSSON, Hordur** [IS/IS]; Haholt 28, IS-300 Akranes (IS). **SIMONSSON, Johannes** [IS/IS]; Skardsbraut 9, IS-300 Akranes (IS). **BRANDSSON, Einar** [IS/IS]; Vesturgata 123, IS-300 Akranes (IS). **RUDOLFSSON, Asgeir, Marino** [IS/IS]; Fannafold 112, IS-112 Reykjavik (IS). **SKULASON, Sigurdur, Magnus** [IS/IS]; Melteigur 7, IS-300 Akranes (IS).

(74) **A & P ARNASON**; Efstaleiti 5, IS-103 Reykjavik (IS).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01J 3/00

(11) WO 02/086430 (13) A2

(21) PCT/GB02/01888

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0110022.1 24 Apr/avr 2001 GB (24.04.2001)

(30) 0209294.8 24 Apr/avr 2002 GB (24.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPARISON METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE COMPARAISON

(71, 72) **MAY, Richard** [GB/GB]; Mays Carpets, Fairacres, Abingdon, Oxon OX14 1BS (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 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 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 G01J 3/50, 3/52

(11) WO 02/086431 (13) A1

(21) PCT/FR02/01402

(22) 24 Apr/avr 2002 (24.04.2002)

(25) fr (26) fr

(30) 01/05478 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DETERMINING THE COLOUR CHARACTERISTICS OF A TOOTH AND RELATED DEVICE

• PROCEDE PERMETTANT DE DETERMINER LES CARACTERISTIQUES DE COULEURS D'UNE DENT ET DISPOSITIF ASSOCIE

(71, 72) **OUAKNINE, Gilbert** [FR/FR]; 1, place Roger Salengro, F-31000 Toulouse (FR).

(74) **RINUY, SANTARELLI**; Immeuble Innopolis A, B.P. 388, F-31314 Labège 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 G01K 11/00

(11) WO 02/086432 (13) A1

(21) PCT/DE02/01436

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 599.0 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DETERMINING TEMPERATURES ON SEMICONDUCTOR COMPONENTS

• PROCEDE DE DETERMINATION DE TEMPERATURES SUR DES ELEMENTS A SEMI-CONDUCTEURS

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) **HAUENSTEIN, Henning, M.** [DE/DE]; Friedrich-Ebert-Strasse 9/1, 72762 Reutlingen (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 G01K 11/12, 11/16

(11) WO 02/086433 (13) A1

(21) PCT/GB02/01801

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 0109875.5 21 Apr/avr 2001 GB (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A FOOD STORAGE CONTAINER
• RECIPIENT DE STOCKAGE D'ALIMENTS

(71) JACKEL INTERNATIONAL LIMITED [GB/GB]; Dudley lane, Cramlington, Northumberland NE23 7RH (GB).
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(72, 75) REES, Arnold, Edward [GB/GB]; 9 Melmerby Close, Whitebridge Park, Gosforth, Newcastle Upon Tyne NE3 5JA (GB).

(74) BUTLER, Lance; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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

(11) WO 02/086434 (13) A2

(21) PCT/DE02/00983

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 101 19 600.8 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR CALIBRATING A SENSOR
• DISPOSITIF ET PROCEDE PERMETTANT LE CALIBRAGE D'UN DETECTEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) MATTES, Bernhard [DE/DE]; Querstrasse 1, 74343 Sachsenheim (DE). GROEGER, Ulrike [DE/DE]; Kyffhaeuser Str. 36, 70469 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 1/12, 9/16, 17/00, G01M 17/02, G01B 7/24, B60C 23/04, 23/06

(11) WO 02/086435 (13) A1

(21) PCT/EP02/04295

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 19 293.2 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTACTLESS MAGNETO-ELASTIC SENSORS
• DETECTEURS MAGNETOELASTIQUES SANS CONTACT

(71) STIFTUNG CAESAR [DE/DE]; Friedensplatz 16, 53111 Bonn (DE).
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(71, 72) QUANDT, Eckhard [DE/DE]; Auf dem Rotkopf 5, 53177 Bonn (DE). LÖHN-DORF, Markus [DE/DE]; Bonner Talweg 46a, 53113 Bonn (DE). TEWES, Michael [DE/DE]; Elisabeth-Selbert-Weg 6, 50354 Hürth (DE). LUDWIG, Alfred [DE/DE]; Dorotheenstrasse 71, 53111 Bonn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01M 3/24, F17D 5/06

(11) WO 02/086436 (13) A1

(21) PCT/SE01/02806

(22) 18 Dec/déc 2001 (18.12.2001)

(25) sv (26) en

(30) 0101469-5 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE, METHOD AND PROBE IN A PIPE FOR ACOUSTICALLY DETECTION OF LEAKAGE
• DISPOSITIF, PROCEDE ET SONDE DESTINES A LA DETECTION ACOUSTIQUE DE FUITES DANS UN TUYAU

(71) J WEISS TECHNIC SWEDEN AB [SE/SE]; Lindbergsvägen 16, S-432 32 Varberg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEISS, Josef [SE/SE]; Lindbergsvägen 16, S-432 32 Varberg (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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/26, 3/20, 3/00, F04B 51/00, G08B 21/00

(11) WO 02/086437 (13) A1

(21) PCT/US02/06540

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 60/272,934 2 Mar/mar 2001 US (02.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND APPARATUS FOR DETERMINING THE PRESENCE OR ABSENCE OF A FLUID LEAK

• PROCEDES ET APPAREIL SERVANT A DETERMINER LA PRESENCE OU L'ABSENCE D'UNE FUITE DE FLUIDES

(71) WATERS INVESTMENTS LIMITED [US/US]; 34 Maple Street, Milford, MA 01757 (US).
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(72, 75) LUONGO, Joseph, A. [US/US]; 7 Saddle Way, Walpole, MA 02081 (US). CIAVARINI, Steven, J. [US/US]; 27 Rome Avenue, Bellingham, MA 02019 (US). TACCONI, Robert, Q. [US/US]; 142 South Street, Medfield, MA 02052 (US). RUBINO, Frank, A. [US/US]; 243 Central Street, Apt. 4, Milford, MA 01757 (US). DUMAS, Robert, J. [US/US]; 8 Bradish Farm Road, Upton, MA 01568 (US).

(74) JANIUK, Anthony, J.; Waters Investments Limited, 34 Maple Street, Milford, MA 01757 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/32

(11) WO 02/086438 (13) A1

(21) PCT/FR02/01256

(22) 10 Apr/avr 2002 (10.04.2002)

(25) fr (26) fr

(30) 01/05442 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR DETECTING A LEAK IN A HEAT EXCHANGER,

ESPECIALLY A PLATE-TYPE HEAT EXCHANGER

- PROCEDE ET DISPOSITIF DE DETECTION DE FUIITE DANS UN ECHANGEUR DE CHALEUR, NOTAMMENT A PLAQUES

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RABELLE, Gérard** [FR/FR]; Tetra Pak Processing Snc, Paris Nord II - 33, rue des Vanesses, BP N° 50425 Villepinte, F-95944 Roissy CDG Cedex (FR).

(74) **BERTRAND, Didier**; S.A. Fedit-Loriot & Autres, Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01M 11/00

(11) **WO 02/086439** (13) A2

(21) PCT/US02/12882

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 09/840,060 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR MEASURING OPTICAL SCATTERING CHARACTERISTICS

- PROCEDE ET SYSTEME DE MESURE DE CARACTERISTIQUES DE DIFFUSION OPTIQUE

(71) **SYSTEMS AND PROCESSES ENGINEERING CORPORATION** [US/US]; 101 West Sixth Street, Suite 200, Austin, TX 78701-2932 (US).

(72) **FREDIN, Leif**; 7551 Firesdale Drive, Austin, TX 78759 (US). **CHIN, Robert**; 12909 Stanzil Drive, Austin, TX 78729 (US). **HALLIDAY, William**; 508 Bellevue Place, Austin, TX 78705 (US).

(74) **COOKE, Claude, E., Jr.**; 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 OM PH PL PT 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW 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 : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(51)⁷ G01M 17/00, B60K 31/00

(11) **WO 02/086440** (13) A1

(21) PCT/CN02/00083

(22) **10 Feb/fév 2002 (10.02.2002)**

(25) zh (26) zh

(30) 01115366.0 **23 Apr/avr 2001 CN (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TROLLEY FOR SIMULATING VEHICLE IMPACTING

- CHARIOT POUR LA SIMULATION DE CHOCS POUR VEHICULES

(71) **YU, Tao** [CN/CN]; 14FB4 Huafu Building, 585 West Longhua Road, Shanghai 200232 (CN). **FENG, Yimin** [CN/CN]; 14FB4 Huafu Building, 585 West Longhua Road, Shanghai 200232 (CN).

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(71, 72) **WANG, Wusheng** [CN/CN]; 14FB4 Huafu Building, 585 West Longhua Road, Shanghai 200232 (CN).

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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 : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N

(11) **WO 02/086441** (13) A2

(21) PCT/US02/11630

(22) **11 Apr/avr 2002 (11.04.2002)**

(25) en (26) en

(30) 60/283,601 **13 Apr/avr 2001 US (13.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AMPLIFICATION AND DETECTION OF SI(MYCOPLASMA PNEUMONIAE)

- AMPLIFICATION ET DETECTION DE <D>MYCOPLASMA PNEUMONIAE</D>

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

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(72, 75) **FINN, Stefanie** [—/US]; 39 Silentwood Court, Owings Mills, MD 21117 (US). **PRICE, James, A., Jr.** [—/US]; 19 Wendslow Road, Lutherville, MD 21093 (US). **HELLYER, Tobin, J.** [—/US]; 110 Royalty Circle, Owings Mills, MD 21117 (US).

(74) **HIGHET, David, W.**; Becton Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(81) AU BR CA JP MX NO 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 G01N

(11) **WO 02/086442** (13) A2

(21) PCT/US02/12104

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en (26) en

(30) 09/837,979 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRACKING DEVICE

- DISPOSITIF DE POURSUITE

(71) **TEKTRACK, LLC** [US/US]; P.O. Box 175, Gray, ME 04039 (US).

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(72, 75) **CURCIO, Joseph** [US/US]; 139 Cottage Road, Gray, ME 04039 (US).

(74) **COHAN, Gregory, J.**; Banner & Witcoff, Ltd., 28 State Street, 28th Floor, 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 G01N

(11) **WO 02/086443** (13) A2

(21) PCT/US02/12476

- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,770 18 Apr/avr 2001 US (18.04.2001)
- (30) 60/290,492 10 May/mai 2001 US (10.05.2001)
- (30) 60/339,245 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/350,666 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/334,370 29 Nov/nov 2001 US (29.11.2001)
- (30) 60/372,246 12 Apr/avr 2002 US (12.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS OF DIAGNOSIS OF LUNG CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF LUNG CANCER
• PROCEDES DE DIAGNOSTIC DU CANCER DU POUMON, COMPOSITIONS ET PROCEDES DE CRIBLAGE DE MODULATEURS DU CANCER DU POUMON
- (71) EOS BIOTECHNOLOGY, INC. [US/US]; 225A Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AZIZ, Natasha [US/US]; 411 California Avenue, Palo Alto, CA 94306 (US). MURRAY, Richard [US/US]; 22643 Woodbridge Court, Cupertino, CA 95014 (US).
- (74) BASTIAN, Kevin, 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N
- (11) WO 02/086444 (13) A2
- (21) PCT/US02/12583
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/285,053 19 Apr/avr 2001 US (19.04.2001)
- (30) 60/317,545 5 Sep/sep 2001 US (05.09.2001)
- (30) 60/334,671 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/335,909 1 Nov/nov 2001 US (01.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND COMPOSITIONS FOR MUTATION ANALYSIS
• PROCEDES ET COMPOSITIONS POUR L'ANALYSE DE MUTATIONS
- (71) TRANSGENOMIC INC. [US/US]; 2032 Concourse Drive, San Jose, CA 95131 (US).
- (72) GJERDE, Douglas, T.; 12295 Woodside Drive, Saratoga, CA 95054 (US). TAYLOR, Paul, D.; 248 Hawthorne Avenue, Palo Alto, CA 94301 (US). WALTER, Joanne; 157 Ennerdale Drive, Astbury Mere, Congleton CW12 4FL (GB). DANIELS, Michael; 28 Webbs Lane, Middlewich, Cheshire CW10-9DN (GB). GRIFFITHS, Carol; Drakelow Farm, King Street, Rudheath, Northwich, Cheshire CW9-7SE (GB). HAEFELE, Robert, M.; 270 Redding Road, Campbell, CA 95008 (US). HANNA, Christopher, P.; 181 Central Street #1B, Somerville, MA 02144 (US).
- (74) BRADY, John, F. et al. / etc.; Transgenomic, Inc., 2032 Concourse Drive, San Jose, CA 95131 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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 G01N
- (11) WO 02/086445 (13) A2
- (21) PCT/US02/12584
- (22) 20 Apr/avr 2002 (20.04.2002)
- (25) en (26) en
- (30) 60/285,139 20 Apr/avr 2001 US (20.04.2001)
- (30) 10/126,594 19 Apr/avr 2002 US (19.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MECHANICAL RESONATOR AND METHOD FOR THERMOACOUSTIC SYSTEMS
• RESONATEUR MECANIQUE ET PROCEDE POUR SYSTEMES THERMOACOUSTIQUES
- (71) CLEVER FELLOWS INNOVATION CONSORTIUM [US/US]; 302 Tenth Street, Troy, NY 12180 (US).
- (72) COREY, John, A.; 2556 River Road, Melrose, NY 12121 (US).
- (74) WARNICK, Spencer, K.; Hoffman, Warnick & D'Alessandro LLC, Three E-Comm Square, Albany, NY 12207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086446 (13) A2
- (21) PCT/US02/12590
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/286,010 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITIONS AND METHODS FOR GENDER SORTING
• COMPOSITIONS ET PROCEDES DE SELECTION DU SEXE
- (71) LIFESENSORS, INC. [US/US]; 271 Great Valley Parkway, Malvern, PA 19356 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUTT, Tauseef [US/US]; 1020 Sanderling Circle, Audubon, PA 19403 (US). TRAN, Hiep, Tuan [VN/US]; Apartment 3, 1180 Queen Lane, West Chester, PA 19382 (US).
- (74) RIGAUT, Kathleen, D. et al. / etc.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 720, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086447 (13) A2
- (21) PCT/US02/12652
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/286,146 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR ASSESSING RISK FOR CARDIAC DYSRHYTHMIA IN A HUMAN SUBJECT
• METHODE PERMETTANT D'EVALUER LE RISQUE DYSRHYTHMIES CARDIAQUES CHEZ UN SUJET HUMAIN
- (71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PTACEK, Louis [US/US]; Eccles Institute of Human Genetics, 15 North 2030 East,

- Room 4420, Salt Lake City, UT 84108 (US).
FU, Ying-Hui [US/US]; Eccles Institute of Human Genetics, 15 North 2030 East, Room 4420, Salt Lake City, UT 84108 (US).
- (74) **BARZEE, Eric; 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).
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
-
- (51)⁷ G01N
(11) **WO 02/086448** (13) A2
(21) PCT/US02/12779
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
(30) 09/841,366 **24 Apr/avr 2001 US (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN DIAGNOSIS OF TUMORS
• DETECTION DE L'INSTABILITE DES MICROSATELLITES ET SON UTILISATION DANS LE DIAGNOSTIC DES TUMEURS
- (71) **PROMEGA CORPORATION** [US/US]; 2800 Woods Hollow Road, Madison, WI 53711-5399 (US).
- (72) **BACHER, Jeffery, W.**; 2633 Chamberlain Avenue, Madison, WI 53705 (US). **FLANAGAN, Laura**; 210 South High Street, Fort Atkinson, WI 53538 (US). **NASSIF, Nadine**; 2601 Whitlock Road, Madison, WI 53719 (US).
- (74) **FAHRLANDER, Jill, A. et al.** / etc.; Michael Best & Friedrich, LLP, One South Pinckney Street, Suite 700, P.O. Box 1806, Madison, WI 53701-1806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086449** (13) A2
(21) PCT/US02/12855
- (22) **23 Apr/avr 2002 (23.04.2002)**
(25) en (26) en
(30) 60/285,923 **23 Apr/avr 2001 US (23.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEMS, METHODS AND DEVICES FOR IN VIVO MONITORING OF A LOCALIZED RESPONSE VIA A RADIO-LABELED ANALYTE IN A SUBJECT
• SYSTEMES, METHODES ET DISPOSITIFS POUR SURVEILLANCE IN VIVO D'UNE REponse LOCALISEE VIA UN ANALYTE RADIOMARQUE CHEZ UN SUJET
- (71) **SICEL TECHNOLOGIES, INC.** [US/US]; 3800 Gateway Center Blvd, Suite 308, Morrisville, NC 27560 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUDDARTH, Steven, A.** [US/US]; 1112 Alabama Avenue, Durham, NC 27705 (US). **SCARANTINO, Charles, W.** [US/US]; 909 Blenheim Drive, Raleigh, NC 27612 (US). **BLACK, Robert, D.** [US/US]; 203-8 Connor Drive, Chapel Hill, NC 27514 (US).
- (74) **MYERS BIGEL SIBLEY & SAJOVEC**; PO Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086450** (13) A2
(21) PCT/US02/13008
(22) **22 Apr/avr 2002 (22.04.2002)**
(25) en (26) en
(30) 60/285,509 **20 Apr/avr 2001 US (20.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPOSITIONS AND METHODS FOR THE IDENTIFICATION OF PROTEIN INTERACTIONS IN VERTEBRATE CELLS
• COMPOSITIONS ET PROCÉDES D'IDENTIFICATION DES INTERACTIONS DE PROTÉINES DANS DES CELLULES DE VERTEBRES
- (71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138-3876 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCKEON, Frank** [US/US]; 311 Commonwealth Avenue, #80, Boston, MA 02115 (US). **YANG, Annie** [US/US]; * (US).
- (74) **CLAUSS, Isabelle, M. et al.** / etc.; Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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
(11) **WO 02/086451** (13) A2
(21) PCT/US02/13082
(22) **24 Apr/avr 2002 (24.04.2002)**
(25) en (26) en
(30) 60/286,275 **24 Apr/avr 2001 US (24.04.2001)**
(30) 60/374,966 **22 Apr/avr 2002 US (22.04.2002)**
(30) 10/131,301 **23 Apr/avr 2002 US (23.04.2002)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ORGANOBORON ROUTE AND PROCESS FOR PREPARATION OF BORON NITRIDE
• VOIE ORGANOBORE ET PROCÉDE PERMETTANT DE PRÉPARER DU NITRURE DE BORE
- (71) **UNIVERSITY OF NEW MEXICO** [US/US]; Patent Administration Office, Room 357, Hokona Hall, Zuni Wing, Albuquerque, NM 87131 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAINE, Robert, T.** [US/US]; 5416 Candlewood Court, NorthEast, Apartment 218, Albuquerque, NM 87111 (US). **KROENKE, William, J.** [US/US]; 6201 Peachtree Place, Northeast, Albuquerque, NM 87111 (US). **PRUSS, Eugene, A.** [US/US]; 5260 Rogers Road Apt C2, Hamburg, NY 14075 (US). **WOOD, Gary, L.** [US/US]; 3334 Dinky Run, Valdosta, GE 31605 (US). **JANIK, Jerzy, F.** [PL/PL]; 35-052 Radziszow 688, Woj, Malopolskie (PL).
- (74) **FAIN, Katy, C.**; Peacock, Myers & Adams, P.C., Post Office Box 26927, Albuquerque, NM 87125-6927 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086452 (13) A2
(21) PCT/US02/09149
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 60/278,092 23 Mar/mar 2001 US (23.03.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SELECTIVE DEPOSITION OF MATERIALS ON CONTOURED SURFACES
• DEPOT SELECTIF DE MATERIAUX SUR DES SURFACES AGENCEES
(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; Holyoke Center-Suite 727, 1350 Massachusetts Avenue, Cambridge, MA 02138 (US). CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OSTUNI, Emanuele [US/US]; 287 Harvard Street, Apt. 29, Cambridge, MA 02139 (US). CHEN, Christopher, S. [US/US]; 301 Warren Avenue, Apt. 315, Baltimore, MD 21205 (US). INGBER, Donald, E. [US/US]; 71 Montgomery Street, Boston, MA 02116 (US). WHITESIDES, George, M. [US/US]; 124 Grasmere Street, Newton, MA 02158 (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 G01N 1/10
(11) WO 02/086453 (13) A1
(21) PCT/JP01/03408
(22) 20 Apr/avr 2001 (20.04.2001)
(25) ja (26) ja
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • INSTRUMENT FOR USE IN COLLECTING AND RECOVERING LIQUID SECRETION IN ORAL CAVITY
• INSTRUMENT SERVANT A PRELEVER ET A RECUPERER UNE SECRETION LIQUIDE D'UNE CAVITE ORALE
(71) SAPPORO IMMUNO DIAGNOSTIC LABORATORY [JP/JP]; 12-20, Shinkawa Nijo 2-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0922 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YOKOYAMA, Toru [JP/JP]; c/o Sapporo Immuno Diagnostic Laboratory, 12-20,

- Shinkawa Nijo 2-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0922 (JP). SHINOZUKA, Naoki [JP/JP]; c/o Sapporo Immuno Diagnostic Laboratory, 12-20, Shinkawa Nijo 2-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0922 (JP). NAKAMURA, Kenji [JP/JP]; c/o Sapporo Immuno Diagnostic Laboratory, 12-20, Shinkawa Nijo 2-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0922 (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) AU BR CA CN CU IN JP KR MX NO NZ PL RO RU SG US.
(84) EP (AT BE CH DE DK ES FR GB GR IT NL PT SE).
(51)⁷ G01N 1/18
(11) WO 02/086454 (13) A1
(21) PCT/US02/07663
(22) 12 Mar/mar 2002 (12.03.2002)
(25) en (26) en
(30) 09/837,073 18 Apr/avr 2001 US (18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MULTI-FORMAT SAMPLE PROCESSING DEVICES, METHODS AND SYSTEMS
• DISPOSITIFS, PROCEDE ET SYSTEMES DE TRAITEMENT D'ECHANTILLONS MULTI-FORMAT
(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(72) BEDINGHAM, William; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ROBOLE, Barry, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(74) GRAM, Christopher, 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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01N 1/20, 33/28
(11) WO 02/086455 (13) A1
(21) PCT/EP02/04145
(22) 12 Apr/avr 2002 (12.04.2002)
(25) en (26) en
(30) 01/05331 19 Apr/avr 2001 FR (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • A METHOD OF SAMPLING FROM A MULTIPHASE FLUID MIXTURE, AND ASSOCIATED SAMPLING APPARATUS
• PROCEDE POUR PRELEVER DES ECHANTILLONS A PARTIR D'UN MELANGE DE FLUIDES A PHASES MULTIPLES ET APPAREIL D'ECHANTILLONNAGE CORRESPONDANT
(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)
(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(for all designated States except / pour tous les États désignés sauf BF BJ BR CA CF CG CI CM CN CZ FR GA GB GN GW IN JP LT MA ML MR NE NL SD SN TD TG TR TT US VN)
(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB JP NL)
(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 24th floor, Monenco Place, 801 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)
(71) PETROLEUM RESEARCH & DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN).
(only for / seulement pour BF BJ CF CG CI CM CZ GA GN GW IN LT MA ML MR NE SN TD TG VN)
(71) SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquillo de la Guardia, Panama City (PA).
(only for / seulement pour CN)
(71) SCHLUMBERGER OILFIELD ASSISTANCE LIMITED [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour SD TR)
(71) SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour BR)
(71) SCHLUMBERGER SERVICES LIMITED [—/—]; P.O. Box 438, Tortola (VG).
(only for / seulement pour TT)
(72, 75) GERMOND, Baptiste [FR/FR]; 23, Mail des Houssières, F-92290 Chatenay Malabry (FR).
(74) HYDEN, Martin; Etudes & Productions Schlumberger, 1, rue Henri Becquerel - BP 202, F-92142 Clamart 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 G01N 3/08, 33/34

(11) WO 02/086456 (13) A1

(21) PCT/FI02/00336

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 20010853 25 Apr/avr 2001 FI (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEASUREMENT OF RADIAL MODULUS OF ELASTICITY OF PAPER

• MESURE DU MODULE D'ELASTICITE RADIAL DU PAPIER

(71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JORKAMA, Marko [FI/FI]; Jenkkapolku 30 A, FIN-04420 JÄRVENPÄÄ (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 6, FIN-33720 TAMPERE (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/08, 33/34, B65H 77/00

(11) WO 02/086457 (13) A1

(21) PCT/FI02/00337

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 20010852 25 Apr/avr 2001 FI (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEASUREMENT OF TANGENTIAL MODULUS OF ELASTICITY OF PAPER

• MESURE DU MODULE D'ELASTICITE TANGENTIEL DU PAPIER

(71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JORKAMA, Marko [FI/FI]; Jenkkapolku 30 A, FIN-04420 Järvenpää (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/20, 33/34

(11) WO 02/086458 (13) A2

(21) PCT/EP02/04194

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 101 19 634.2 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR MEASURING BLANKS

• PROCEDE ET DISPOSITIF POUR MESURER DES PIECES DECOUPEES

(71) FOCKE & CO. (GMBH & CO.) [DE/DE]; Siemensstrasse 10, 27283 Verden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOCKE, Heinz [DE/DE]; Moorstrasse 64, 27283 Verden (DE). STILLER, Martin [DE/DE]; Döhlberger Strasse 35, 27283 Verden (DE). SCHMIDT, Jens [DE/DE]; Jan-Reiners-Strasse 6, 28879 Grasberg (DE). KOLLER, Lars [DE/DE]; Ricklinger Stadtweg 97, 30459 Hannover (DE).

(74) BOLTE, Erich; Meissner, Bolte & Partner, Hollerallee 73, 28209 Bremen (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).

(51)⁷ G01N 3/20

(11) WO 02/086459 (13) A1

(21) PCT/US02/11727

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 09/836,980 18 Apr/avr 2001 US (18.04.2001)

(30) 60/353,245 1 Feb/fév 2002 US (01.02.2002)

(30) 10/090/374 4 Mar/mar 2002 US (04.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN APPARATUS AND METHOD FOR WELLBORE RESISTIVITY DETERMINATION AND IMAGING USING CAPACITIVE COUPLING

• APPAREIL ET PROCEDE POUR DETERMINER LA RESISTIVITE DES FORAGES ET IMAGERIE UTILISANT UN COUPLAGE CAPACITIF

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) EVANS, Martin, T.; 20 South Avenue, Thorpe St. Andrew, Norwich NR7 0ZE (GB). BURT, Andrew, R.; The Garth., Christmas Lane, Oulton Broad Lowestoft NR 32 3JX (GB). ALEXY, Albert; 21306 Park Willow Drive, Katy, TX 77450 (US). TABAROVSKY, Leonty, A.; 14207 Misty Meadow, Houston, TX 77079 (US).

(74) SPRINGS, Darryl, M. et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) CA GB ID NO.

(84) EP (FR IT NL).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA GB ID NO EP (FR IT NL)

(t) for all designations / pour toutes les désignations

(51)⁷ G01N 01/18, 30/02, 33/00, 33/48, 33/566

(11) WO 02/086460 (13) A1

(21) PCT/US02/12493

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,380 20 Apr/avr 2001 US (20.04.2001)

(30) 60/350,712 12 Nov/nov 2001 US (12.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR IDENTIFYING LIGANDS OF G-PROTEIN-COUPLED RECEPTORS

• METHODES D'IDENTIFICATION DE LIGANDS DE RECEPTEURS COUPLES AUX PROTEINES-G

- (71) **CONSENSUS PHARMACEUTICALS, INC.** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).
- (72) **NESTOR, John, J.**; 19 Sweeney Ridge Road, Bedford, MA 01730 (US). **WILSON, Carol, J.**; 24 Fellsway, Somerville, MA 02145 (US). **CANTLEY, Lewis, C.**; 43 Larch Road, Cambridge, MA 02138 (US). **YAFFE, Michael, B.**; 11 Atwood Square #2, Jamaica Plain, MA 02130 (US). **GUO, Ailan**; 97 North Street, Medford, MA 02155 (US).
- (74) **CHUNG, Christopher**; 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).
- Published / Publiée : (c)
-
- (51)⁷ G01N 11/00, 27/04, 33/50
- (11) WO 02/086461 (13) A1
- (21) PCT/JP02/03824
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-119474 18 Apr/avr 2001 JP (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • EQUIPMENT FOR MEASURING STRINGINESS OF LIQUID MATERIAL
• EQUIPEMENT DE MESURE DE LA FIBROSITE D'UN MATERIAU LIQUIDE
- (71) **KITAKYUSHU FOUNDATION FOR THE ADVANCEMENT OF INDUSTRY, SCIENCE AND TECHNOLOGY** [JP/JP]; 2-1, Hibikino, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0135 (JP).
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- (72, 75) **NISHIHARA, Tatsuji** [JP/JP]; 15-13, Satsukidai 1-chome, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0000 (JP). **KAKINOKI, Yasuaki** [JP/JP]; 35-12, Hanahara 3-chome, Minami-ku, Fukuoka-shi, Fukuoka 811-1356 (JP). **KAMEI, Hiroshi** [JP/JP]; 10-1, Takasago 1-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0011 (JP).
- (74) **TAMURA, Hiroaki** et al. / etc.; Halifax Asakusabashi Bldg. 3F, 1-1, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 11/04, 11/10
- (11) WO 02/086462 (13) A1
- (21) PCT/AU02/00484
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) PR 4582 23 Apr/avr 2001 AU (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FLUID PROPERTIES EVALUATION
• EVALUATION DE PROPRIETES D'UN FLUIDE
- (71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'BRIEN, Vincent** [AU/AU]; 49A Mary Street, Unley, S.A. 5061 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 21/00
- (11) WO 02/086463 (13) A2
- (21) PCT/DE02/01465
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) de (26) de
- (30) 101 19 932.5 23 Apr/avr 2001 DE (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRANSMISSION SENSOR
• DETECTEUR DE TRANSMISSION
- (71) **MAHLE FILTERSYSTEME GMBH** [DE/DE]; Pragstrasse 54, 70376 Stuttgart (DE). **ELEKTROMANUFAKTUR ZANGENSTEIN HANAUER GMBH & CO. KGAA** [DE/DE]; Siemensstrasse 1, 92507 Nabburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANZ, Rolf** [DE/DE]; Röntgenstrasse 7, 74613 Oehringen (DE). **STEINER, Gerhard** [DE/DE]; Bacchusweg 7, 74629 Pfedelbach-Unterhöfen (DE). **WIERLING, Reinhard** [DE/DE]; Lupinenweg 10, 74629 Pfedelbach-Unterhöfen (DE). **SCHENKL, Johann** [DE/DE]; Amberger Strasse 2, 92431 Neunburg (DE). **BRABEC, Martin** [DE/DE]; Grüner Weg 3a, 92507 Nabburg (DE).
- (74) **BERNHARD, Uwe**; Rotermund + Pfusch + Bernhard, 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).
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- (51)⁷ G01N 21/00
- (11) WO 02/086464 (13) A2
- (21) PCT/DE02/00797
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) de (26) de
- (30) 101 19 405.6 20 Apr/avr 2001 DE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GAS SENSOR AND METHOD FOR PRODUCING THE SAME
• DETECTEUR DE GAZ 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) **BAUER, Michael** [DE/DE]; Ahornweg 2, 72076 Tuebingen (DE). **GRUEN, Detlef** [DE/DE]; Schweidnitzer Strasse 101, 72760 Reutlingen (DE). **KRUMMEL, Christian** [DE/DE]; Karlstrasse 11, 72138 Kirchentellinsfurt (DE). **SCHILLING, Ulrich** [DE/DE]; Georg-Friedrich-Händel-Strasse 18, 71394 Kernen im Remstal (DE). **REIN, Erwin** [DE/DE]; Hermann-Loens-Strasse 1, 71665 Vaihingen (DE). **SEITER, Michael** [DE/DE]; Eckenerstrasse 46, 72770 Reutlingen (DE). **WEBER, Heribert** [DE/DE]; Im Hoefle 28, 72622 Nuertingen (DE). **PRUETZ, Odd-Axel** [DE/DE]; Jakob-Friedrich-Klemm-Strasse 8, 72662 Nuertingen (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 G01N 21/00, 9/30, C12M 1/34, 3/00
- (11) WO 02/086465 (13) A1
- (21) PCT/US02/11084
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (30) 09/841,408 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IDENTIFICATION TEST DEVICE IN A RANDOM ACCESS MICROBIOLOGICAL ANALYZER
• DISPOSITIF DE TEST D'IDENTIFICATION DANS UN ANALYSEUR MICROBIOLOGIQUE A ACCES DIRECT
- (71) **DADE MICROSCAN INC.** [US/US]; 1584 Enterprise Boulevard, West Sacramento, CA 95691 (US).
- (72) **FARINA, Edward, Francis**; 124 Bobcat Way, Oxford, PA 19363 (US). **GEMMELL, Bruce, McLean**; 112 Edgeroad Lane, Wilmington, DE 19803 (US). **MAZZA, John, Charles**; 305 Walker Way, Newark, DE 19711 (US). **MCVEY, Michael, Taylor**; 131 Crystal Run Drive, Middletown, DE 19709 (US). **KAMINSKI, Edward, Stephen**; 3419 Blue Ball Road, Elkton, MD 21910 (US). **HADDAD, Antoine, Elias**; 110 Wren Way, Newark, DE 19711 (US). **GEBRIAN, Peter, Louis**; 1306 Biggs Road, Wilmington, DE 19805 (US).
- (74) **TYMESON, Cynthia, G.** et al. / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G01N 21/00

(11) WO 02/086466 (13) A1

(21) PCT/US02/12816

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,805 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATED SYSTEM AND METHOD FOR PERFORMING BIT ERROR RATE MEASUREMENTS ON OPTICAL COMPONENTS

• SYSTEME AUTOMATIQUE ET PROCEDE DE MESURE DU TAUX D'ERREUR BINAIRE AFFECTANT DES COMPOSANTS OPTIQUES

(71) CIRCADIANT SYSTEMS, INC. [US/US]; Suite C-103, 7660 Imperial Way, Allentown, PA 18195-1016 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRENCH, John, Sargent [US/US]; 23 Fetterman Road, Palm, PA 18070 (US). THOMPSON, William, Joseph [US/US]; 9671 Oakview Road, Kempton, PA 19529 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 21/00

(11) WO 02/086467 (13) A1

(21) PCT/US02/12819

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,804 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATED SYSTEM AND METHOD FOR DETERMINING THE SENSITIVITY OF OPTICAL COMPONENTS

• SYSTEME ET PROCEDE AUTOMATIQUES PERMETTANT DE DETERMINER LA SENSIBILITE DE COMPOSANTS OPTIQUES

(71) CIRCADIANT SYSTEMS, INC. [US/US]; Suite C-103, 7660 Imperial Way, Allentown, PA 18195-1016 (US).

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(72, 75) FRENCH, John, Sargent [US/US]; 23 Fetterman Road, Palm, PA 18070 (US). THOMPSON, William, Joseph [US/US]; 9671 Oakview Road, Kempton, PA 19529 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/17, G01J 4/00

(11) WO 02/086468 (13) A1

(21) PCT/US02/02662

(22) 27 Jan/jan 2002 (27.01.2002)

(25) en (26) en

(30) 09/838,700 19 Apr/avr 2001 US (19.04.2001)

(30) unk 12 Jan/jan 2002 US (12.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGING APPARATUS AND METHOD • APPAREIL ET PROCEDE D'IMAGERIE

(71) MAVEN TECHNOLOGIES LLC. [US/US]; 9911 Pico Boulevard, Los Angeles, CA 90034 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEMPEN, Lothar, U. [—/US]; 224 1/2 Juanita Avenue, Redondo Beach, CA 90277 (US).

(74) COHEN, Lawrence, S.; Suite 1220, 10960 Wilshire Boulevard, Los Angeles, CA 90024 (US).

(81) AE AG AL AU BA BB BG BR BZ CA CN CR CU CZ DM DZ 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 SL TR TT UA 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).

Published / Publiée : (c)

(51)⁷ G01N 21/35

(11) WO 02/086469 (13) A1

(21) PCT/EP02/04166

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 101 19 618.0 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FLUID DETECTOR AND METHOD FOR DETECTING A FLUID

• DETECTEUR DE FLUIDE ET PROCEDE DE DETECTION D'UN FLUIDE

(71) UNIVERSITÄT KONSTANZ [DE/DE]; Universitätsstrasse 10, 78434 Konstanz (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDOGHDAR, Vahid [CA/CH]; Bionstrasse 3, CH-8006 Zürich (CH). KRAMPER, Patrick [DE/DE]; Rosgartenstrasse 6, 78462 Konstanz (DE).

(74) MÜLLER-BORE & 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).

Published / Publiée : (c)

(51)⁷ G01N 21/55

(11) WO 02/086470 (13) A1

(21) PCT/US02/12895

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,159 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL RADIATOR COATING SENSOR

• CAPTEUR OPTIQUE DE REVETEMENT RAYONNANT

(71) CONTROL DEVICES, INC. [US/US]; 228 Northeast Road, Route 35, Standish, ME 04084 (US).

(72) CLUGSTON, Edward, P., Jr.; 129 Smith Road, Windham, ME 04062 (US).

(74) COLE, Troy, J. et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (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 G01N 21/76
(11) WO 02/086471 (13) A1
(21) PCT/JP02/03626
(22) 11 Apr/avr 2002 (11.04.2002)
(25) ja (26) ja
(30) 2001-114239 12 Apr/avr 2001 JP
(12.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • EQUIPMENT FOR MEASURING LUMINESCENCE REACTION
• EQUIPEMENT DE MESURE D'UNE REACTION DE LUMINESCENCE

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
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(72, 75) SUZUKI, Yoshihito [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). KAMIYA, Akifumi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/76, 33/48, 31/00, C07D 455/04
(11) WO 02/086472 (13) A1
(21) PCT/US02/00715
(22) 12 Jan/jan 2002 (12.01.2002)
(25) en (26) en
(30) 60/261,228 12 Jan/jan 2001 US
(12.01.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MOLECULAR ROTOR DERIVATIVES AND METHODS OF USE
• DERIVES DE ROTORS MOLECULAIRES ET LEURS PROCEDES D'UTILISATION

(71) REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). HAIDEKKERE, Mark, A. [—/US]; 8032 Westbury Avenue, San Diego, CA 92122-1980 (US). FRANGOS, John, A. [—/US]; 5901 La Jolla Mesa Drive, La Jolla, CA 92037 (US).
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(72, 75) THEODORAKIS, Emanuel, A. [US/US]; 3905 Caminito Terviso, San Diego, CA (US).

(74) FUESS, William, C.; 17258 Amarillo Road, Ramona, CA 92065 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 21/85, 33/02
(11) WO 02/086473 (13) A2
(21) PCT/EP02/04424
(22) 22 Apr/avr 2002 (22.04.2002)
(25) de (26) de
(30) 101 19 763.2 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR ANALYSING CEREALS
• PROCEDE ET DISPOSITIF D'ANALYSE DE CEREALES

(71, 72) BRUINS, Hans, Joachim [DE/DE]; Heerstrasse 7 A, 81247 München (DE).

(74) HERTZ, Oliver; V. Bezold & Sozien, Akademiestrasse 7, 80799 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 G01N 21/88
(11) WO 02/086474 (13) A1
(21) PCT/AU02/00494
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) PR 4507 20 Apr/avr 2001 AU
(20.04.2001)
(30) PR 9083 23 Nov/nov 2001 AU
(23.11.2001)
(30) PR 9516 13 Dec/déc 2001 AU
(13.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROBE FOR NON-DESTRUCTIVE TESTING
• SONDE D'ESSAIS NON DESTRUCTIFS

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).
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(72, 75) DICKSON, Laurence [AU/AU]; 11/96A Baker Street, Carlingford, New South Wales 2118 (AU). THWAITES, Suzanne [AU/AU]; 19 Booraba Avenue, Lindfield, New South Wales 2070 (AU).

(74) GRIFFITH HACK; G.P.O. Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 22/00
(11) WO 02/086475 (13) A2
(21) PCT/US01/12694
(22) 18 Apr/avr 2001 (18.04.2001)
(25) en (26) en
(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR DETECTION OF MOLECULAR EVENTS USING TEMPERATURE CONTROL OF DETECTION ENVIRONMENT

• PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS MOLECULAIRES AU MOYEN DE LA REGULATION DE TEMPERATURE DANS UN ENVIRONNEMENT DE DETECTION

(71) SIGNATURE BIOSCIENCE, INC. [US/US]; 21124 Cabot Boulevard, Hayward, CA 94545-1130 (US).

(72) CHAPMAN, Robert, G.; Apartment 10, 1721 Marco Polo Way, Burlingame, CA 94010 (US). HEFTI, John, J.; 21 Escondido Avenue, San Francisco, CA 94132 (US). BARTELL, Barrett, J.; 106 West Avalon Drive, Pacifica, CA 94044 (US). RHODES, Mark, A.; 735 Sapphire Street, Redwood City, CA 94061 (US). ZHAO, Min; 651 Catamaran Street, Foster City, CA 94404 (US). PALMER, Tyler; 1121 Lincoln Way, San Francisco, CA 94122 (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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G01N 23/00
(11) WO 02/086476 (13) A2
(21) PCT/IB02/01292
(22) 9 Apr/avr 2002 (09.04.2002)
(25) en (26) en
(30) 01401010.2 19 Apr/avr 2001 EP
(19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF X-RAY ANALYSIS IN A PARTICLE-OPTICAL APPARATUS
• PROCEDE D'ANALYSE AUX RAYONS X UTILISE DANS UN DISPOSITIF OPTIQUE A PARTICULES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) KWAKMAN, Laurens, F., T.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TROOST, Kars, Z.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) BAKKER, Hendrik; 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 G01N 23/00, G21K 7/00
- (11) WO 02/086477 (13) A1
- (21) PCT/US02/12605
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/285,819 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • STRUCTURE DETERMINATION OF MATERIALS USING ELECTRON MICROSCOPY
• DETERMINATION DE LA STRUCTURE DE MATERIAUX AU MOYEN D'UNE MICROSCOPIE A ELECTRONS
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA represented by THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUBRAMANIAM, Sriram [IN/US]; 6211 Leeke Forest Court, Bethesda, MD 20817 (US).
- (74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N 27/00, B01L 3/00, B81B 3/00
- (11) WO 02/086479 (13) A1
- (21) PCT/FR02/01419
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) fr (26) fr
- (30) 01/05545 25 Apr/avr 2001 FR (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BIOSENSOR MATRIX AND METHOD FOR MAKING SAME
- MATRICE DE BIOCAPTEURS ET SON PROCEDE DE FABRICATION
- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).
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- (72, 75) BERGAUD, Christian [FR/FR]; 151, avenue de Castres, F-31000 Toulouse (FR). BELIER, Benoît [FR/FR]; Résidence d'Îlot des Cours-Bât.D, 8, allée P. Delarue Mouvelière, F-91400 Orsay (FR). MARTINEZ, Augustin [FR/FR]; 5, rue de la Chênaie, F-31650 St Orens (FR). NICU, Liviu [FR/FR]; 11, rue de la Mairie, F-11600 Aragon (FR). COCHETEAU, Emeline [FR/FR]; Appt. 41, 2, Impasse R. Castello, F-31400 Toulouse (FR).
- (74) ORES, Béatrice et al. / etc.; Cabinet Orès, 6, avenue de Messine, 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 G01N 27/00
- (11) WO 02/086480 (13) A1
- (21) PCT/US02/12033
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,846 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PHOTODESORPTION IN CARBON NANOTUBES
• PHOTODESORPTION DE NANOTUBES DE CARBONE
- (71) STANFORD UNIVERSITY [US/US]; Office of Technology Licensing, Suite 350, 900 Welch Road, Palo Alto, CA 94304-7295 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) DAI, Hongjie [CN/US]; 365 Pescadero Terrace, Sunnyvale, CA 94086 (US). CHEN, Robert, J. [US/US]; 125 S. California #D302, Palo Alto, CA 94306 (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).

FI FR GB GR IE 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 G01N 27/02

(11) WO 02/086481 (13) A1

(21) PCT/US02/13137

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,783 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR CONDUCTIVITY MEASUREMENT INCLUDING PROBE CONTAMINATION COMPENSATION

• APPAREIL ET PROCÉDE DE MESURE DE LA CONDUCTIVITE A COMPENSATION DE CONTAMINATION DE SONDE

(71) DIVERSEY LEVER, INC. [US/US]; 2841 Mission Street, Santa Cruz, CA 95060-2142 (US).

(72) COCKING, Andrew, J.; 353A Westin Drive, Santa Cruz, CA 95060 (US). CHAN, Wai, Yin, Cedric; 1841 Pound Lane, Santa Cruz, CA 95062 (US). LIVINGSTON, James, W.; 170 Corday Lane, Santa Cruz, CA 95060 (US).

(74) WILLIAMS, Gary, S. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036-2711 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 27/18, 25/18

(11) WO 02/086482 (13) A1

(21) PCT/DE02/01488

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 19 788.8 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEAT CONDUCTIVITY DETECTOR

• DETECTEUR PAR CONDUCTIVITE THERMIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) GELLERT, Udo [DE/DE]; Maxburgring 23, 76756 Bellheim (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).

(51)⁷ G01N 27/327

(11) WO 02/086483 (13) A1

(21) PCT/JP02/03600

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-116580 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIOSENSOR

• BIODETECTEUR

(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) TOKUNAGA, Hiroyuki [JP/JP]; 1348-6, Tanokubo, Shigenobu-cho, Onsen-gun, Ehime 791-0212 (JP). MIYAZAKI, Shoji [JP/JP]; 1052, Minamisaya-cho, Matsuyama-shi, Ehime 791-8032 (JP). YAMANISHI, Eriko [JP/JP]; 3203-5, Kitagata Tanaka, Kawauchi-cho, Onsen-gun, Ehime 791-0303 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 29/10

(11) WO 02/086484 (13) A1

(21) PCT/AU02/00501

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4508 20 Apr/avr 2001 AU (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR CARRYING OUT NON-DESTRUCTIVE TESTING OF MATERIALS

• PROCÉDE ET APPAREIL PERMETTANT DE TESTER DES MATIÈRES DE MANIÈRE NON DESTRUCTIVE

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).

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(72, 75) DICKSON, Laurence [AU/AU]; 11/96A Baker Street, Carlingford, New South Wales 2118 (AU). THWAITES, Suzanne [AU/AU]; 19 Booraba Avenue, Lindfield, New South Wales 2070 (AU).

(74) GRIFFITH HACK; G.P.O. Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 29/10, 29/06

(11) WO 02/086485 (13) A1

(21) PCT/FR02/01353

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05496 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SOUND WAVE AND ULTRASOUND WAVE MEASURING METHOD

• PROCÉDE DE MESURE PAR ONDES SONORES ET ULTRASONORES

(71) ELECTRICITE DE FRANCE SERVICE NATIONAL [FR/FR]; 22-30, avenue de Wagram, F-75008 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUTIER, Stéphane [FR/FR]; 5, rue des Mignottes, F-75019 Paris (FR). IDIER, Jérôme [FR/FR]; 19, rue Croix de Bures, F-91440 Bures / Yvette (FR). VILLARD, Daniel [FR/FR]; 26, rue des Châteaux, F-77870 Vulaines sur Seine (FR). CHAMPAGNAT, Frédéric [FR/FR]; 3, rue Poirier, F-94160 Saint Mande (FR).

(74) VERDURE, Stéphane et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 30/00

(11) WO 02/086486 (13) A2

(21) PCT/EP02/03844

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 19 418.8 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COLUMN WITH AUTOMATIC AXIAL
COMPRESSION BY HYDRAULIC
MEANS
• COLONNE A COMPRESSION AXIALE
AUTOMATIQUE PAR DES MOYENS
HYDRAULIQUES

(71) BAYER AKTIENGESELLSCHAFT
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les États désignés sauf US)

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(74) BAYER AKTIENGESELLSCHAFT;
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU 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 30/00

(11) WO 02/086487 (13) A2

(21) PCT/EP02/03845

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 19 419.6 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CARRYING OUT
REPETITIVE, PREPARATIVE CHRO-
MATOGRAPHY

• PROCEDE DE CHROMATOGRAPHIE
PREPARATIVE REPETITIVE

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOO, Aun-Teik [MY/DE]; Broek-
manstr. 13, 40885 Ratingen (DE).
SCHREIBER, Jörg [DE/DE]; Sportstr.
1, 42107 Wuppertal (DE).

(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G01N 30/00, 30/08, 1/00, B01L 3/02,
B01D 15/00

(11) WO 02/086488 (13) A1

(21) PCT/JP02/03912

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-122375 20 Apr/avr 2001 JP
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND INSTRUMENT FOR
EXTRACTING TRACE COMPONENT
IN SOLID PHASE

• PROCEDE ET INSTRUMENT D'EX-
TRACTION D'UN COMPOSANT A
L'ETAT DE TRACE EN PHASE SOLIDE

(71) GL SCIENCES INCORPORATED
[JP/JP]; 22-1, Nishishinjuku 6-chome, Shin-
juku-ku, Tokyo 163-1130 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HIRAMATSU, Yuka [JP/JP]; c/o GL
Sciences Incorporated, Musashi Factory,
237-2, Sayamagahara, Iruma-shi, Saitama
358-0032 (JP). YAMASAKI, Kazuhiko
[JP/JP]; c/o GL Sciences Incorporated,
Musashi Factory, 237-2, Sayamagahara,
Iruma-shi, Saitama 358-0032 (JP). FU-
RUNO, Masahiro [JP/JP]; c/o GL Sciences
Incorporated, Musashi Factory, 237-2, Saya-
magahara, Iruma-shi, Saitama 358-0032 (JP).

(74) TAKAHASHI, Mitsuo et al. / etc.; 11-17,
Nishishinjuku 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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 30/72, H01J 49/04

(11) WO 02/086489 (13) A1

(21) PCT/CA01/01688

(22) 28 Nov/nov 2001 (28.11.2001)

(25) en (26) en

(30) 60/292,737 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HIGH THROUGHPUT ION SOURCE
WITH MULTIPLE ION SPRAYERS
AND ION LENSES

• SOURCE IONIQUE A DEBIT ELEVE
DOTEE DE PLUSIEURS PULVERISA-
TEURS IONIQUES ET LENTILLES
IONIQUES

(71) UNIVERSITY OF BRITISH COLUMBIA
[CA/CA]; Room 331, I.R.C. Building, 2194
Health Sciences Mall, Vancouver, British Co-
lumbia V6T 1Z3 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHEN, David, Y. [CA/CA]; 3398
Cobblestone Avenue, Vancouver, British
Columbia V5S 4S4 (CA). DOUGLAS, Don-
ald, J. [CA/CA]; #105 876 W. 16th Avenue,
Vancouver, British Columbia V5Z 1T1 (CA).
SCHNEIDER, Bradley, B. [CA/CA]; 4414
W. 8th Avenue, Vancouver, British Columbia
V6R 2A2 (CA).

(74) BERESKIN & PARR; 40 King Street West,
40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 30/72, H01J 49/04, 49/42
 (11) WO 02/086490 (13) A2
 (21) PCT/US02/12563
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 09/840,633 23 Apr/avr 2001 US (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • TAILORED WAVEFORM/CHARGE REDUCTION MASS SPECTROMETRY
 • SPECTROMETRIE DE MASSE A REDUCTION DE LA CHARGE EFFECTUEE A L'AIDE D'UNE FORME D'ONDE SPECIFIQUEMENT ADAPTEE
 (71) BEYOND GENOMICS, INC. [US/US]; 40 Bear Hill Road, Waltham, MA 02451 (US).
 (72) AFEYAN, Noubar, B.; One Sunset Ridge, Lexington, MA 02421 (US). MCLUCKEY, Scott; 716 Lagrange Street, West Lafayette, IN 47906 (US). REGNIER, Fred, E.; 1219 Tuckahoe Lane, West Lafayette, IN 47906 (US).
 (74) BASTIAN, Michael, J.; 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 G01N 30/86, 30/88
 (11) WO 02/086491 (13) A1
 (21) PCT/US02/10743
 (22) 5 Apr/avr 2002 (05.04.2002)
 (25) en (26) en
 (30) 09/839,949 19 Apr/avr 2001 US (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD AND SYSTEM FOR CLASSIFYING CHROMATOGRAMS
 • PROCEDE ET SYSTEME DE CLASSIFICATION DE CHROMATOGRAMMES
 (71) VARIAN, INC. [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).
 (72) EXCOFFIER, Jean-Louis; 5307 Saddleback Court, Richmond, CA 94803 (US).
 (74) FISHMAN, Bella et al. / etc.; Varian, Inc., Legal Department, 3120 Hansen Way, D-102, Palo Alto, CA 94304 (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).
-
- (51)⁷ G01N 31/00, 21/78
 (11) WO 02/086492 (13) A1
 (21) PCT/JP02/03821
 (22) 17 Apr/avr 2002 (17.04.2002)
 (25) ja (26) ja
 (30) 2001-118510 17 Apr/avr 2001 JP (17.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD OF QUANTIFYING SURFACTANT
 • PROCEDE DE QUANTIFICATION DE TENSIOACTIF
 (71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KAKUTA, Masaya [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). TANIKAWA, Masahiko [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 41-8, Takada 3-chome, Toshima-ku, Tokyo 171-8545 (JP). KUROYANAGI, Naoyoshi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 41-8, Takada 3-chome, Toshima-ku, Tokyo 171-8545 (JP). ENDO, Yoshiyuki [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 41-8, Takada 3-chome, Toshima-ku, Tokyo 171-8545 (JP).
 (74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/00, G06F 19/00, C12Q 1/68, C07H 21/02, 21/04
 (11) WO 02/086493 (13) A1
 (21) PCT/US02/12114
 (22) 17 Apr/avr 2002 (17.04.2002)
 (25) en (26) en
 (30) 60/285,059 19 Apr/avr 2001 US (19.04.2001)
 (30) 10/120,931 10 Apr/avr 2002 US (10.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • A METHOD FOR ASSEMBLING OF FRAGMENTS IN DNA SEQUENCING
 • PROCEDE D'ASSEMBLAGE DE FRAGMENTS EN SEQUENÇAGE D'ADN
 (71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).
 (72) WATERMAN, Michael, S.; 3671 Midvale Avenue, #13, Los Angeles, CA 90034 (US). TANG, Haixu; 8155 Cargill Avenue, #35, San Diego, CA 92122 (US). PEVZNER, Pavel, A.; 9768 Claiborne Square, La Jolla, CA 92037 (US).
 (74) YADAV, Rajiv; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, Ste. 1800, 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 G01N 33/00
 (11) WO 02/086494 (13) A2
 (21) PCT/EP02/04281
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 01109705.2 19 Apr/avr 2001 EP (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD FOR THE RELATIVE DETERMINATION OF PHYSICO-CHEMICAL PROPERTIES
 • PROCEDE DE DETERMINATION RELATIVE DE PROPRIETES PHYSICO-CHEMIQUES
 (71) NMI NATURWISSENSCHAFTLICHES UND MEDIZINISCHES INSTITUT AN DER UNIVERSITÄT TÜBINGEN [DE/DE]; Markwiesenstrasse 55, 72770 Reutlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) JOOS, Thomas [DE/DE]; Eichhaldenstrasse 18, 72074 Tübingen (DE). STOLL, Dieter [DE/DE]; Wörthstrasse 128, 72766 Reutlingen (DE). TEMPLIN, Markus [DE/DE]; Eduard-Haber-Str. 2, 72074 Tübingen (DE). VIRNEKÁS, Bernhard [DE/DE]; Paul-Hey-Strasse 20, 82131 Gauting (DE). OSTENDORP, Ralf [DE/DE]; Raucheneggerstr. 2, 81245 München (DE).
 (74) OTTEN, Hajo et al. / etc.; White, 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).
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- (51)⁷ G01N 33/08
 (11) WO 02/086495 (13) A2
 (21) PCT/GB02/01784
 (22) 17 Apr/avr 2002 (17.04.2002)
 (25) en (26) en
 (30) 0109765.8 20 Apr/avr 2001 GB (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • APPARATUS AND METHOD FOR DETERMINING THE VIABILITY OF EGGS
 • DISPOSITIF ET PROCEDE PERMETTANT DE DETERMINER LA VIABILITE DE OEUFs
- (71, 72) REEVES, Sidney, James [GB/GB]; Rose in Valley, Lower Hugus Road, Three-milestone, Truro, Cornwall TR3 6BD (GB).
- (72, 75) SIMPSON, Keith, Angus [GB/GB]; 30 Sutton Close, Watcombe, Torquay, Devon TQ2 8LL (GB).
- (74) LUCAS, Brian, Ronald; 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 33/36, A01G 25/16
 (11) WO 02/086496 (13) A1
 (21) PCT/US01/12904
 (22) 20 Apr/avr 2001 (20.04.2001)
 (25) en (26) en
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • USING GLYCAN OLIGOMER ANALYSIS FOR EXAMINATION OF TEXTILE FIBERS, PAPER, WOOD, GRAINS, FOOD AND OTHER CELLULOSE CONTAINING MATERIALS OF PLANT ORIGIN
 • METHODE D'ANALYSE D'OLIGOMERES DE GLYCANE DESTINEE A L'ETUDE DE FIBRES TEXTILES, DE PAPIER, DE BOIS, DE GRAINES, D'ALIMENTS ET D'AUTRES MATIERES A BASE DE CELLULOSE D'ORIGINE VEGETALE
- (71) GLYCOZYME, INC. [US/US]; Suite E, 17935 Sky Park Circle, Irvine, CA 92614-6321 (US).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURRAY, Allen, K. [US/US]; 2330 Port Lerwick Place, Newport Beach, CA 92660 (US).
- (74) KIRCHANSKI, Stefan, J.; Crosby, Heafey, Roach & May, Suite 700, 1901 Avenue of the Stars, Los Angeles, CA 90067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 G01N 33/48
 (11) WO 02/086497 (13) A2
 (21) PCT/EP02/04479
 (22) 24 Apr/avr 2002 (24.04.2002)
 (25) en (26) en
 (30) 01201481.7 24 Apr/avr 2001 EP (24.04.2001)
 (30) 01203073.0 10 Aug/août 2001 EP (10.08.2001)
 (30) 02075077.4 11 Jan/jan 2002 EP (11.01.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • USE OF HYPOXIA INDUCIBLE FACTOR 2ALPHA FOR CURING NEONATAL RESPIRATORY DISTRESS SYNDROME AND AS A TARGET FOR THE TREATMENT OF PULMONARY HYPERTENSION
 • UTILISATION DU FACTEUR 2ALPHA INDUIT PAR L'HYPOXIE POUR LE TRAITEMENT DU SYNDROME DE DETRESSE RESPIRATOIRE DU NOUVEAU-NE ET COMME CIBLE POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE
- (71) VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE). D. COLLEN RESEARCH FOUNDATION [BE/BE]; Onderwijs en Navorsing, Campus Gasthuisberg K.U. Leuven, Herestraat 49, B-3000 Leuven (BE).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COMPERNOLLE, Veerle [BE/BE]; Panoramalaan 63/12, B-3012 Wilsle (BE). CARMELIET, Peter [BE/BE]; Sappellenbos 10, B-3052 Blanden (BE).
- (74) BRANTS, Johan, Philippe, Emile 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, G06K 9/00
 (11) WO 02/086498 (13) A1
 (21) PCT/US02/12084
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 60/285,155 20 Apr/avr 2001 US (20.04.2001)
 (30) 60/334,734 31 Oct/oct 2001 US (31.10.2001)
 (30) 10/062,308 1 Feb/fév 2002 US (01.02.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SYSTEMS AND METHODS FOR AUTOMATED ANALYSIS OF CELLS AND TISSUES
 • SYSTEMES ET METHODES D'ANALYSE INFORMATISEE DE CELLULES ET DE TISSUS
- (71) YALE UNIVERSITY [US/US]; Two Whitney Avenue, New Haven, CT 06511 (US).
- (72) RIMM, David, L.; 15 Pawson Landing Drive, Branford, CT 06405 (US). CAMP, Robert, L.; 101 Summer Street, Apt. 813, Stamford, CT 06901 (US).
- (74) ARNOLD, Beth, E. et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109-2170 (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 G01N 33/48
 (11) WO 02/086499 (13) A1
 (21) PCT/US02/12800
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 09/840,566 23 Apr/avr 2001 US (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • LATERAL FLOW CONTACT TEST APPARATUS
 • APPAREIL D'ESSAI A CONTACT DE FLUIDE LATERAL
- (63) US 09/840,566 (CON)
 23 Apr/avr 2001 (23.04.2001)
- (71) BRANAN MEDICAL CORPORATION [US/US]; Suite E & F, 10015 Muirlands Road, Irvine, CA 92618 (US).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WONG, Raphael, C. [US/US]; 5221 Hiram Lane, Irvine, CA 92612 (US).
- (74) LIN, Vic, Y.; Myers, Dawes & Andras LLP, Suite 1150, 19900 MacArthur Blvd., Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/483

(11) WO 02/086500 (13) A2

(21) PCT/GB02/01854

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109930.8 23 Apr/avr 2001 GB (23.04.2001)

(30) 0117428.3 17 Jul/juil 2001 GB (17.07.2001)

(30) 60/307,015 20 Jul/juil 2001 US (20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR ANALYSIS OF SPECTRAL DATA AND THEIR APPLICATIONS: ATHEROSCLEROSIS/CORONARY HEART DISEASE

• PROCEDES D'ANALYSES DE DONNEES SPECTRALES ET LEURS APPLICATIONS: ATHEROSCLEROSE ET CORONAROPATHIE

(71) METABOMETRIX LIMITED [GB/GB]; RSM, Prince Consort Road, London, Greater London SW7 2BP (GB).

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(72, 75) NICHOLSON, Jeremy, Kirk [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). HOLMES, Elaine [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). LINDON, John, Christopher [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). BRINDLE, Joanne, Tracey [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). GRAINGER, David, John [GB/GB]; c/o TCP Innovations Limited, 9 St John's Street, Duxford, Cambridge CB2 4RA (GB).

(74) BRASNETT, Adrian, H. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/483

(11) WO 02/086501 (13) A2

(21) PCT/GB02/01862

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109930.8 23 Apr/avr 2001 GB (23.04.2001)

(30) 0117428.3 17 Jul/juil 2001 GB (17.07.2001)

(30) 60/307,015 20 Jul/juil 2001 US (20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR ANALYSIS OF SPECTRAL DATA AND THEIR APPLICATIONS: OSTEOPOROSIS

• PROCEDES D'ANALYSE DE DONNEES SPECTRALES ET APPLICATIONS CORRESPONDANTES : L'OSTEOPOROSE

(71) METABOMETRIX LIMITED [GB/GB]; RSM, Prince Consort Road, London, Greater London SW7 2BP (GB).

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(72, 75) NICHOLSON, Jeremy, Kirk [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). HOLMES, Elaine [GB/GB]; RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). LINDON, John, Christopher, [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). BRINDLE, Joanne, Tracey [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). GRAINGER, David, John [GB/GB]; TCP Innovations Limited, 9 St John's Street, Duxford, Cambridge CB2 4RA (GB).

(74) BRASNETT, Adrian, H. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/487

(11) WO 02/086502 (13) A2

(21) PCT/GB02/01909

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109930.8 23 Apr/avr 2001 GB (23.04.2001)

(30) 0117428.3 17 Jul/juil 2001 GB (17.07.2001)

(30) 60/307,015 20 Jul/juil 2001 US (20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR THE DIAGNOSIS AND TREATMENT OF BONE DISORDERS

• PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE MALADIES DES OS

(71) METABOMETRIX LIMITED [GB/GB]; RSM, Prince Consort Road, London, Greater London SW7 2BP (GB).

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(72, 75) NICHOLSON, Jeremy, Kirk [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB).

HOLMES, Elaine [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). LINDON, John, Christopher [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). BRINDLE, Joanne, Tracey [GB/GB]; Metabometrix Limited, RSM, Prince Consort Road, London, Greater London SW7 2BP (GB). GRAINGER, David, John [GB/GB]; TCP Innovations Limited, 9 St John's Street, Duxford, Cambridge CB2 4RA (GB).

(74) BRASNETT, Adrian, H. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/50, 33/15, 33/60, 33/566, 33/53

(11) WO 02/086503 (13) A1

(21) PCT/IP02/03757

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-119547 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BACTERIOTOXIN ADSORBENTS AND METHOD OF SCREENING THE SAME

• ADSORBANTS DE BACTERIOTOXINES ET PROCEDE DE CRIBLAGE DES DITS ADSORBANTS

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKASE, Koichi [JP/JP]; 13-6, Sen-gokuhigashi-machi, Kadoma-shi, Osaka 571-0013 (JP). NESTLER, Hans Peter [DE/DE]; Sendelbacher Wez 46, 65779 Kelkheim (DE).
- (74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (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 33/53
- (11) WO 02/086504 (13) A2
- (21) PCT/CA02/00607
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/285,687 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INDIVIDUALIZATION OF THERAPY WITH GASTROESOPHAGEAL REFLUX DISEASE AGENTS
- PERSONNALISATION DE THERAPIE AVEC DES AGENTS DE REFLUX GASTROESOPHAGIEN PATHOLOGIQUE
- (71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montréal, Québec H3A 2T5 (CA).
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- (72, 75) LEYLAND-JONES, Brian [CA/US]; 80 S. W. 8th Street, Suite 2000, Miami, FL 33130 (US).
- (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 G01N 33/53
- (11) WO 02/086505 (13) A2
- (21) PCT/GB02/01235
- (22) 2 Apr/avr 2002 (02.04.2002)
- (25) en (26) en
- (30) 0108165.2 31 Mar/mar 2001 GB (31.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTRACELLULAR ANALYSIS
- ANALYSE INTRACELLULAIRE
- (71) THE VICTORIA UNIVERSITY OF MANCHESTER [GB/GB]; Oxford Road, Manchester M13 9PL (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RODERICK, Simon, Patrick, Benson [GB/GB]; Flat 3, 365 Wilmslow Road, Fallowfield, Manchester M14 6AH (GB).
- (74) ATKINSON, Peter, Birch; 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 G01N 33/53, C07K 14/00
- (11) WO 02/086507 (13) A1
- (21) PCT/US02/13250
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,250 24 Apr/avr 2001 US (24.04.2001)
- (30) 09/935,061 21 Aug/août 2001 US (21.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CONFORMATIONAL ASSAYS TO DETECT BINDING TO MEMBRANE SPANNING, SIGNAL-TRANSDUCING PROTEINS
- ANALYSES CONFORMATIONNELLES VISANT A DETECTER UNE LIAISON A DES PROTEINES TRANSMEMBRANAIRES DE TRANSDUCTION DE SIGNAL
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 900 Welch Road, Suite 350, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBILKA, Brian, K. [US/US]; 840 Chilmalus Drive, Palo Alto, CA 94306 (US). GHANOUNI, Pejman [US/US]; 3311 Alameda de las Pulgas, Menlo Park, CA 94025 (US). LEE, Tae, Weon [KR/US]; 2930 Ramona Street, Palo Alto, CA 94306 (US).
- (74) FRANCIS, Carol, L.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 33/573, 33/58, C12Q 1/26, C07K 16/44, C07D 233/76
- (11) WO 02/086508 (13) A2
- (21) PCT/CA02/00598
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,245 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELISA KIT FOR THE DETERMINATION OF CYP2C19 METABOLIC PHENOTYPES AND USES THEREOF
- TROUSSE ELISA POUR LA DETERMINATION DE PHENOTYPES METABOLIQUES CYP2C19 ET UTILISATIONS CORRESPONDANTES
- (71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montréal, Québec H3A 2T5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEYLAND-JONES, Brian [CA/US]; 80 S.W. 8th Street, Suite 2000, Miami, FL 33130 (US).
- (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).

(51)⁷ G01N 33/564, 33/573

(11) WO 02/086509 (13) A1

(21) PCT/FI02/00340

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 20010868 25 Apr/avr 2001 FI (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND MEANS FOR DETECTING GLUTEN-INDUCED DISEASES

• METHODE ET MOYEN DE DETECTION DES MALADIES PROVOQUEES PAR LE GLUTEN

(71, 72) MÄKI, Markku [FI/FI]; Ketunkatu 10, FIN-33530 Tampere (FI). KORPONAY-SZ-ABO, Ilma [HU/HU]; Alkotmány u. 20, H-1054 Budapest (HU).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G01N 33/567, C12N 5/08, 5/10, A61K 31/74

(11) WO 02/086510 (13) A1

(21) PCT/US02/12927

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,169 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND COMPOSITION FOR SKIN GRAFTS

• METHODE ET COMPOSITION DESTINEES A DES GREFFES CUTANEEES

(71) WISCONSIN ALLUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).

(72) ALLEN-HOFFMANN, B., Lynn; 3905 Council Crest Road, Madison, WI 53711 (US).

(74) BERSON, Bennett, J.; Quarles & Brady LLP, P.O. Box 2113, Madison, WI 53701-2113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) WO 02/086511 (13) A2

(21) PCT/EP02/04341

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 713.6 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR TESTING SAMPLES CONTAINING PRION PROTEIN FOR THE POSSIBLE PRESENCE OF THE PRP^{sc} FORM

• PROCEDE D'ETUDE D'ECHANTILLONS CONTENANT LA PROTEINE DU PRION QUANT A L'EVENTUELLE PRESENCE DE LA FORME PRP^{sc}

(71) PRIONICS AG [CH/CH]; Waigstrasse 27a, CH-8952 Schlieren (CH).
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(74) EMMEL, Thomas; Schaefer & Emmel, Gehöhlweg 20, 22043 Hamburg (DE).

(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).

(51)⁷ G01N 33/72, 33/53

(11) WO 02/086512 (13) A2

(21) PCT/GB02/01664

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 0110053.6 24 Apr/avr 2001 GB (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HAEMOGLOBIN ASSAY

• ANALYSE D'HEMOGLOBINE

(71) AXIS-SHIELD ASA [NO/NO]; Axis-Shield Asa, Ulvenveien 87, N-0510 Oslo (NO).
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(71) COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).
(only for / seulement pour GB)

(72, 75) HOLTlund, Jostein [NO/NO]; C/o Axis-Shield Poc As, Marstrandgata 6, N-0504 Oslo (NO). BERNSTRÖM, Kerstin [SE/NO]; C/o Axis-Shield Poc As, Marstrandgata 6, N-0504 Oslo (NO). CORNELIUSSEN, Lise [NO/NO]; C/o Axis-Shield Poc As, Marstrandgata 6, N-0504 Oslo (NO).

(74) COCKBAIN, Julian et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/82

(11) WO 02/086513 (13) A2

(21) PCT/GB02/01846

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109925.8 23 Apr/avr 2001 GB (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRANSCOBALAMIN II ASSAY METHOD

• METHODE DE DOSAGE DE LA TRANSCOBALAMINE II

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(71) COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).
(only for / seulement pour GB)

(72, 75) ÖRNING, Lars [SE/NO]; Axis-Shield ASA, Ulvenveien 87, Økern, N-0510 Oslo (NO).

(74) COCKBAIN, Julian et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 35/04, B01L 9/00
(11) WO 02/086514 (13) A2
(21) PCT/US02/11671
(22) 15 Apr/avr 2002 (15.04.2002)
(25) en (26) en
(30) 09/840,960 24 Apr/avr 2001 US
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SAMPLE HANDLING SYSTEM
• SYSTEME DE MANIPULATION
D'ECHANTILLONS
(71) ABBOTT LABORATORIES [US/US];
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Abbott Park, IL 60064-6050 (US).
(72) LUOMA, Robert, P., II; 2700 Crestwood
Lane, Highland, TX 75077 (US). ARN-
QUIST, David, C.; 4437 Larner Street, The
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76051 (US).
(74) VRIONI, Beth, A. et al. / etc.; Dept
377/AP6D-2, 100 Abbott Park Road, Abbott
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(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 G01P 3/486
(11) WO 02/086515 (13) A1
(21) PCT/FR02/01309
(22) 16 Apr/avr 2002 (16.04.2002)
(25) fr (26) fr
(30) 01/05408 20 Apr/avr 2001 FR
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR READING THE ROTA-
TIONAL SPEED OF A PAINT SPRAYER
PROVIDED WITH A ROTATING BOWL
• DISPOSITIF DE LECTURE DE VI-
TESSE DE ROTATION POUR PUL-
VERISATEUR DE PEINTURE A BOL
TOURNANT
(71) EISENMANN FRANCE SARL [FR/FR];
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les États désignés sauf US)*
(72, 75) DOBROWOLSKI, Flavien [FR/FR]; Le
Grand Pré, F-38650 Sinard (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 OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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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(11) WO 02/086516 (13) A1
(21) PCT/FR02/01355
(22) 19 Apr/avr 2002 (19.04.2002)
(25) fr (26) fr
(30) 01/05508 24 Apr/avr 2001 FR
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR MEASURING TOTAL
PRESSURE OF A FLOW
• DISPOSITIF DE MESURE DE LA PRES-
SION TOTALE D'UN ECOULEMENT
(71) THALES [FR/FR]; 173, Boulevard Hauss-
mann, F-75008 Paris (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) CHOISNET, Joël [FR/FR]; Thales Intel-
lectual Property, 13, av. du Prés. Salvador Al-
lende, F-94117 Arcueil Cedex (FR).
(74) COLLET, Alain et al. / etc.; Thales Intellec-
tual Property, 13, av. du Prés. Salvador Al-
lende, F-94117 Arcueil Cedex (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
*(t) 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 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 AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)*
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(20.04.2001)
- (30) unknown 19 Apr/avr 2002 US
(19.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COMBINING UNFOLD WITH PARAL-
LEL MAGNETIC RESONANCE IMAG-
ING
• COMBINAISON DE L'IMAGERIE PAR
RESONANCE MAGNETIQUE UNFOLD
ET PARALLELE
(71) THE BRIGHAM AND WOMEN'S HOS-
PITAL, INC. [US/US]; 75 Francis Street,
Boston, MA 02115 (US).
(72) MADORE, Bruno; 92 Toxeth Street, Brook-
line, MA 02446 (US).
(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Fer-
ris, Glovsky and Popeo, P.C., One Financial
center, Boston, MA 02111 (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).
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(11) WO 02/086518 (13) A1
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(25) en (26) en
(30) 09/841,073 25 Apr/avr 2001 US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CABLE TESTING SYSTEMS
• SYSTEMES DE TEST DE CABLE
(71, 72) FERNANDEZ, Javier [US/US]; 531
Cedarwood Terrace, Hamlin, PA 18427 (US).
(74) JOEL, Richard, A.; 496 Kinderkamack
Road, Oradell, NJ 07649 (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).
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- (51)⁷ G01R 29/08, G08B 21/00, B66C 15/06
(11) WO 02/086519 (13) A1
(21) PCT/GB02/01810
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 0109985.2 24 Apr/avr 2001 GB
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SAFETY DEVICE FOR MOBILE CON-
STRUCTION EQUIPMENT
• DISPOSITIF DE SECURITE POUR MA-
TERIEL DE CONSTRUCTION MOBILE
(71) ANDERT (1992) LIMITED [GB/GB];
Parkview Lodge, Woodhall Estate, Calder-
bank, Airdrie ML6 8RS (GB).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOW, Robert** [GB/GB]; Parkhaven Lodge, Woodhall Estate, Calderbank, Airdrie ML6 8RS (GB). **MacIVER, John** [GB/GB]; 9 Queensland Drive, Cardonald G52 2PA (GB).
- (74) **KENNEDYS PATENT AGENCY LIMITED**; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) 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 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (30) 2002-115472 **17 Apr/avr 2002 (17.04.2002)** JP
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • INSPECTION APPARATUS AND INSPECTION METHOD
 • APPAREIL D'INSPECTION ET PROCEDE D'INSPECTION
- (71) **OHT INC.** [JP/JP]; 1118-1, Aza Nishichujo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2103 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAOKA, Shuji** [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-shi, Hiroshima 720-0837 (JP). **ISHIOKA, Shogo** [JP/JP]; 827-3, Oaza Kawaminami, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2124 (JP).
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 (22) **23 Apr/avr 2002 (23.04.2002)**
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 (30) 09/840,362 **23 Apr/avr 2001 (23.04.2001)** US
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • TRAILER TETHER SENSOR CIRCUIT
 • CIRCUIT DE DETECTION D'UN CABLE D'ATTACHE DE REMORQUE
- (71) **TRANSCOMMUNICATIONS, INC.** [US/US]; 6125 Preservation Drive, Chattanooga, TN 37416 (US).
- (72) **COPPINGER, James**; 3721 Kings Road, Chattanooga, TN 37416 (US). **DEBINDER, Kevin**; 151 Pine Tree Lane, Caryville, TN 37714 (US).
- (74) **CROCKETT, Mark**; Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville, TN 37901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 **G01R 31/08, H04B 10/08, H04J 14/00**
 (11) **WO 02/086522** (13) A1
 (21) PCT/US02/12422
 (22) **19 Apr/avr 2002 (19.04.2002)**
 (25) en (26) en
 (30) 09/840,296 **24 Apr/avr 2001 (24.04.2001)** US
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • AN OPTICAL NETWORK ARCHITECTURE WITH REDUCED EQUIPMENT
 • ARCHITECTURE DE RESEAU OPTIQUE AVEC EQUIPEMENT REDUIT
- (71) **DORSAL NETWORKS, INC.** [US/US]; 9212 Berger Road, Columbia, MD 21046 (US).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FEINBERG, Lee, Daniel** [US/US]; 14728 Carona Drive, Silver Spring, MD 20905 (US).
- (74) **KUMAR, Johnny, 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).
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- (51)⁷ **G01R 31/28**
 (11) **WO 02/086523** (13) A1
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- (25) ja (26) ja
 (30) 09/839,013 **21 Apr/avr 2001 (21.04.2001)** US
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SEQUENCE GENERATION WITH HIGH-TIME-PRECISION BY USING GENERAL-PURPOSE OPERATING SYSTEM IN SEMICONDUCTOR TEST SYSTEM
 • GENERATION DE SEQUENCE A FORTE PRECISION TEMPORRELLE FAISANT APPEL A UN SYSTEME D'EXPLOITATION GENERAL DANS UN SYSTEME DE TEST DE SEMI-CONDUCTEURS
- (71) **ADVANTEST CORPORATION** [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).
- (72) **CHEN, Leon, Lee**; 3201 Scott Boulevard, Santa Clara, CA 95054 (US). **TURNQUIST, James, Alan**; 3201 Scott Boulevard, Santa Clara, CA 95054 (US).
- (74) **WATANABE, Kihei**; Daiichi NS Bldg., 5th Floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).
- (81) CN DE JP KR SG.
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- (51)⁷ **G01R 33/035**
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 (22) **6 Apr/avr 2002 (06.04.2002)**
 (25) de (26) de
 (30) 101 19 108.1 **19 Apr/avr 2001 (19.04.2001)** DE
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD FOR READING OUT MAGNETIC FIELDS WITH A DC SUPERCONDUCTING QUANTUM INTERFERENCE DEVICE (DC-SQUID) AND CORRESPONDING DEVICE
 • PROCEDE POUR EXTRAIRE DES CHAMPS MAGNETIQUES AU MOYEN D'UN DETECTEUR SUPRACONDUCTEUR A INTERFERENCE QUANTIQUE DC (SQUID DC) ET DISPOSITIF ASSOCIE
- (71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Yi** [DE/DE]; Nordstrasse 36, 52428 Jülich (DE). **OTTO, Ralph** [DE/BE]; Schnellenberg 12, B-4721 Kelmis (BE). **WOLTERS, Norbert** [NL/DE]; Katharinenstrasse 8, 52134 Herzogenrath (DE).
- (74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Recht und Patente - Patente, 52425 Jülich (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 **G01R 33/20**
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 (22) **19 Apr/avr 2002 (19.04.2002)**

- (25) en (26) en
- (30) 0109789.8 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNTHESISED AVERAGING USING SMASH
• CALCUL D'UNE MOYENNE SYNTHETISE PAR ACQUISITION SIMULTANEE D'HARMONIQUES SPATIALES (SMASH)
- (71) KONINKLIJKE PHILIPS ELECTRONICS NV [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (72) BYDDER, Mark; 6 Queens Gadens, Ealing, London W5 15F (GB). LARKMAN, David, J.; Flat 4, 22 Minster Road, Kilburn, London MW3 3RB (GB). HAJNAL, Joseph, V.; 4 Perceval Avenue, London NW3 4PY (GB).
- (74) LUNDIN, Thomas, M.; Philips Medical Systems (Cleveland), Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (81) 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 G01R 33/28, A61B 5/055
- (11) WO 02/086526 (13) A1
- (21) PCT/IB02/01434
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 101 19 543.5 21 Apr/avr 2001 DE
(21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL MR SIGNAL TRANSMISSION
• TRANSMISSION OPTIQUE D'UN SIGNAL DE RESONANCE MAGNETIQUE (RM)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CH CY DE 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 (DE).
(only for / seulement pour DE)
- (72, 75) KONINGS, Maurits [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEISS, Steffen [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) HARTMANN, Heinrich; 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).
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- (51)⁷ G01R 33/28
- (11) WO 02/086527 (13) A1
- (21) PCT/US02/12284
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 0109792.2 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SURGICAL PROBE WITH MR TIP TRACKING
• SONDE CHIRURGICALE DOTEE D'UN SYSTEME DE SUIVI DE LA SONDE PAR RESONANCE MAGNETIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS NV [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (72) GILDERDALE, David, J.; Hummersknott Cottage, Lowerdown, Bovey Tracey, South Devon TQ13 9LF (GB).
- (74) LUNDIN, Thomas, M.; Philips Medical Systems (Cleveland), 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (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)
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- (51)⁷ G01R 33/3415, 33/56
- (11) WO 02/086528 (13) A1
- (21) PCT/US02/12311
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 0109793.0 20 Apr/avr 2001 GB
(20.04.2001)
- (30) 0112508.7 22 May/mai 2001 GB
(22.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMBINATION OF SIGNALS FROM ARRAY COILS USING SIGNAL-BASED ESTIMATION OF COIL SENSITIVITY PROFILES
• COMBINAISON DE SIGNAUX PROVENANT D'UN ENSEMBLE D'ANTENNES ET APPLIQUANT L'ESTIMATION DES PROFILS DE SENSIBILITE D'ANTENNE SUR LA BASE DES SIGNAUX
- (71) KONINKLIJKE PHILIPS ELECTRONICS NV [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (72) HAJNAL, Joseph, V.; 4 Perceval Avenue, London NW3 4PY (GB). BYDDER, Mark; 6 Queens Gadens, Ealing, London W5 15F (GB). LARKMAN, David, J.; Flat 4, 22 Minster Road, Kilburn, London MW3 3RB (GB).
- (74) LUNDIN, Thomas, M.; Philips Medical Systems (Cleveland) Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (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)
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- (51)⁷ G01R 33/561, 33/3815, 33/3415
- (11) WO 02/086529 (13) A1
- (21) PCT/US02/12579
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 0109790.6 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GENERALIZED SMASH IMAGING
• IMAGERIE SMASH GENERALISEE
- (71) KONINKLIJKE PHILIPS ELECTRONICS NV [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (72) BYDDER, Mark; 6 Queens Gadens, Ealing, London W5 15F (GB). HAJNAL, Joseph, V.; 4 Perceval Avenue, London NW3 4PY (GB). LARKMAN, David, J.; Flat 4, 22 Minster Road, Kilburn, London MW3 3RB (GB).
- (74) LUNDIN, Thomas, M.; Philips Medical Systems (Cleveland), 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (81) 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 G01R 33/563, 33/28
- (11) WO 02/086530 (13) A1
- (21) PCT/US02/11012
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 60/285,293 20 Apr/avr 2001 US
(20.04.2001)
- (30) 09/888,973 25 Jun/juin 2001 US
(25.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DETERMINATION OF THE ARTERIAL INPUT FUNCTION IN DYNAMIC CONTRAST-ENHANCED MRI
• DETERMINATION DE LA FONCTION D'ENTREE ARTERIELLE EN IRM DE CONTRASTE DYNAMIQUE
- (71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).
- (72) CARROLL, Timothy, J.; 426 Hillington Way, Madison, WI 53705 (US).
- (74) SAMMONS, Barry, E.; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G01R 33/565
- (11) WO 02/086531 (13) A1
- (21) PCT/GB02/01731

- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 0109892.0 20 Apr/avr 2001 GB (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR REDUCING THE EFFECTS OF MOTION IN AN IMAGE
- PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LES EFFETS DE MOUVEMENT DANS UNE IMAGE
- (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) ATKINSON, David [GB/GB]; Radiological Sciences, Guy's Hospital, London SE1 9RT (GB).
- (74) DAVIES, Philip; IP QinetiQ Formalities, Cody Technology Park, A4 Bldg 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
- (11) WO 02/086532 (13) A2
- (21) PCT/US02/12393
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/838,064 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SOLID STATE MODULATED BEACON TRACKING SYSTEM
- SYSTEME DE POURSUITE TRANSISTORISE PAR BALISE MODULEE
- (71) RAYTHEON COMPANY [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).
- (72) WELLS, Michael, L.; Post Office Box 1533, Hawthorne, CA 91387 (US).
- (74) RAUFER, Colin; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (81) IL.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G01S 5/00
- (11) WO 02/086533 (13) A2
- (21) PCT/US02/12783
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,691 25 Apr/avr 2001 US (25.04.2001)
- (30) 09/967,411 28 Sep/sep 2001 US (28.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTEGRATED GPS AND IGS SYSTEM AND METHOD
- PROCEDE ET SYSTEMES GPS ET DE GUIDAGE PAR INERTIE (IGS) INTEGRES
- (71) FIBERSENSE TECHNOLOGY CORPORATION [US/US]; 755 Dedham Street, Canton, MA 02021-1401 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUMPHREY, Ian [GB/US]; 37 Pine Acres Road, Foxboro, MA 02035 (US).
PERLMUTTER, Michael, S. [US/US]; 19 Peckham Hill Road, Sherborn, MA 01770 (US).
- (74) OLIVER, Kevin, A. et al. / etc.; Foley, Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01S 13/10, 13/24, 7/36, 7/28
- (11) WO 02/086535 (13) A1
- (21) PCT/US02/12408
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/837,679 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PULSE RADAR VARYING IRREGULAR SPACED FREQUENCY SPECTRUM FROM PULSE TO PULSE WHEN DETECTING JAMMING SIGNALS
- RADAR A IMPULSIONS FAISANT VARIER UN SPECTRE DE FREQUENCES A ESPACEMENT IRREGULIER D'UNE IMPULSION A L'AUTRE LORS DE LA DETECTION DE SIGNAUX BROUILLEURS
- (71) RAYTHEON COMPANY [US/US]; Building 807 (M/S F8), P.O. BOX 11337, Tucson, AZ 85734-1337 (US).
- (72) SMALL, James, G.; 4361 North Wilmot Road, Tucson, AZ 85750 (US).
- (74) RUDD, Andrew, J.; Renner Otto Boisselle & Sklar, LLP, 1621 Euclid Ave, 19th Flr., Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G01S 13/24, 7/36, 7/02
- (11) WO 02/086536 (13) A2
- (21) PCT/EP02/03915
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) de (26) de
- (30) 101 19 289.4 20 Apr/avr 2001 DE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR OPERATING A RADAR SYSTEM
- PROCEDE POUR LE FONCTIONNEMENT D'UN SYSTEME RADAR
- (71) AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH [DE/DE]; Kemptener Strasse 99, 88131 Lindau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GLOCKER, Peter [DE/DE]; Alte Landstrasse 17, 88138 Sigmarszell (DE).
- (74) MADER, Wilfried; DaimlerChrysler AG, Theresienstr. 2, 74072 Heilbronn (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 G01S 13/28
- (11) WO 02/086537 (13) A1
- (21) PCT/SE02/00578
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) sv (26) en
- (30) 0101174-1 2 Apr/avr 2001 SE (02.04.2001)

- (30) 0101320-0 **12 Apr/avr 2001** SE
(12.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REMOTE DISTANCE MEASUREMENT BY MEANS OF A SUBSTANTIALLY REPETITIVE PROBING SIGNAL
• TELEMESURE A DISTANCE AU MOYEN D'UN SIGNAL DE VERIFICATION SENSIBLEMENT REPETITIF
- (71) SAAB AB [SE/SE]; S-581 88 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AXELSSON, Sune [SE/SE]; Roshagsvägen 24, S-589 43 Linköping (SE).
- (74) BJERKENS PATENTBYRÅ KB; Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01S 13/28
- (11) WO 02/086538 (13) A1
- (21) PCT/SE02/00579
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) sv (26) en
- (30) 0101174-1 **2 Apr/avr 2001** SE
(02.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NOISE MODULATED REMOTE DISTANCE MEASUREMENT
• TELEMESURE MODULEE PAR LE BRUIT
- (71) SAAB AB [SE/SE]; S-581 88 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AXELSSON, Sune [SE/SE]; Roshagsvägen 24, S-589 43 Linköping (SE).
- (74) BJERKENS PATENTBYRÅ KB; Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01S 17/00
- (11) WO 02/086539 (13) A2
- (21) PCT/CA02/00567
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,692 **24 Apr/avr 2001** US
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR PROBING OBJECTS IN MOTION
• PROCEDE ET DISPOSITIF DESTINES AU SONDAGE D'OBJETS EN MOUVEMENT
- (71) NATIONAL RESEARCH COUNCIL OF CANADA [CA/CA]; 1500 Montreal Road, Building M58-EG12, Ottawa, Ontario K1A 0R6 (CA).
- (72) BLOUIN, Alain; 5152 St-Denis, Montreal, Quebec K2J 2M2 (CA). DROLET, Denis; 8244 Casgrain, Montreal, Quebec K2P 2K5 (CA). MONCHALIN, Jean-Pierre; 3840 Wilson, Montreal, Quebec K4A 2T8 (CA). PADIOLEAU, Christian; 329 Notre-Dame Est, App. 326, Montreal, Quebec K2Y 3Z2 (CA).
- (74) MITCHELL, Richard, J.; Marks & Clerk, 280 Slater Street, Suite 1800, Ottawa, Ontario K1P 1C2 (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 UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/20
- (11) WO 02/086540 (13) A1
- (21) PCT/DE02/01311
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) de (26) de
- (30) 101 19 783.7 **23 Apr/avr 2001** DE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RADIATION CONVERTER COMPRISING A LAYER OF LUMINOUS SUBSTANCE
• CONVERTISSEUR DE RAYONNEMENT AVEC COUCHE DE SUBSTANCE LUMINESCENTE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUCHS, Manfred [DE/DE]; Widhalmstr. 19, 90459 Nürnberg (DE). HACKEN-SCHMIED, Peter [DE/DE]; Dortmunder Str. 8, 90425 Nürnberg (DE). HELL, Erich [DE/DE]; Spardorfer Str. 33, 91054 Erlangen (DE). MATTERN, Detlef [DE/DE]; Krähenhorst 14, 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).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement
-
- (51)⁷ G01V
- (11) WO 02/086541 (13) A2
- (21) PCT/US02/12235
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/839,271 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NMR LOGGING IN THE EARTH'S MAGNETIC FIELD
• ENREGISTREMENT PAR RESONANCE MAGNETIQUE NUCLEAIRE DANS LE CHAMP MAGNETIQUE TERRESTRE
- (71) BAKER HUGUES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) TAICHER, Gersh, Zvi; 12119 Maple Rock Drive, Houston, TX 77077 (US).
- (74) SPRINGS, Darryl, M. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) CA GB ID NO.
- (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 GB ID NO 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 G01V
- (11) WO 02/086542 (13) A2
- (21) PCT/US02/08274
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/284,921 **20 Apr/avr 2001** US
(20.04.2001)
- (30) UNKNOWN **10 Apr/avr 2002** US
(10.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD AND APPARATUS FOR IDENTIFYING BURIED OBJECTS USING GROUND PENETRATING RADAR
• PROCEDE ET APPAREIL D'IDENTIFICATION D'OBJETS ENFOUIS AU MOYEN D'UN GEORADAR
- (71, 72) WITTEN, Alan, J. [—/US]; 3308 River Walk Court, Norman, OK 73072 (US).
- (74) GARRETT, Arthur, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett

- & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20260-3315 (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).
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- (51)⁷ G01V 3/00
(11) WO 02/086543 (13) A1
(21) PCT/US02/12413
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,267 20 Apr/avr 2001 US (20.04.2001)
(30) 09/961,502 24 Sep/sep 2001 US (24.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NMR USING RF PULSES PRODUCING QUADRATIC PHASE
• RMN METTANT EN OEUVRE DES IMPULSIONS RF QUI PRODUISENT UNE PHASE QUADRATIQUE
- (71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GARWOOD, Michael, G. [US/US]; 2867 Lakeshore Avenue, Medina, MN 55359 (US). UGURBIL, Kamil [US/US]; 2812 Benton Boulevard, Minneapolis, MN 55416 (US). DELABARRE, Lance [US/US]; 2516 Silver Lane, Apartment 306, St. Anthony, MN 55421 (US). BOLAN, Patrick [US/US]; 5313 Fremont Avenue South, Minneapolis, MN 55419 (US).
- (74) MCCRACKIN, Ann, M.; 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 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 G01V 3/02
(11) WO 02/086544 (13) A1
(21) PCT/US02/12309
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
- (30) 09/838,576 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND APPARATUS FOR MEASURING ELECTRICAL PROPERTIES OF A GROUND USING A GRAPHITE ELECTRODE
• PROCEDES ET APPAREIL POUR MESURER LES PROPRIETES ELECTRIQUES D'UN SOL EN UTILISANT UNE ELECTRODE EN GRAPHITE
- (63) US 09/838,576 (CON) 18 Apr/avr 2001 (18.04.2001)
- (71) ADVANCED GEOSCIENCES, INC. [US/US]; 12700 Volente Road, RM 2769, Bldg. A, Austin, TX 78726-1009 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAGMANSON, Mats [SE/US]; 10710 D-K Ranch Road, Austin, TX 78759 (US).
- (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).
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- (51)⁷ G01V 3/28
(11) WO 02/086545 (13) A1
(21) PCT/US02/12567
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/285,425 21 Apr/avr 2001 US (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MEASUREMENT OF SUBTERRANEAN LITHOLOGY USING ELECTROMAGNETIC ENERGY
• MESURE DE LITHOLOGIE SOUTERRAINE AU MOYEN D'ENERGIE ELECTROMAGNETIQUE
- (71) EM-TECH LLC [US/US]; Suite 650, 15832 West Hardy Road, Houston, TX 77060 (US).
- (72) AMINI, Bijan, K.; 1111 Caroline Street, No. 2002, Houston, TX 77010 (US).
- (74) MCEWING, David; 4582 Kingwood Drive, No. 118, Kingwood, TX 77345 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G01W 1/00
(11) WO 02/086546 (13) A1
(21) PCT/US01/12796
(22) 18 Apr/avr 2001 (18.04.2001)
(25) en (26) en
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PRECIPITATION MEASURING DEVICE
• DISPOSITIF DE MESURE DE PRECIPITATION
- (71) AQUA CONSERVATION SYSTEMS, INC. [US/US]; Suite A25, 2900 Adams, Riverside, CA 92504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUHLER, Kirk [US/US]; Aqua Conservation Systems, Inc., Suite A25, 2900 Adams, Riverside, CA 92504 (US).
- (74) FISH, Robert; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).
- (81) AU US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G01W 1/00
(11) WO 02/086547 (13) A1
(21) PCT/US02/12147
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,750 18 Apr/avr 2001 US (18.04.2001)
(30) 60/312,429 15 Aug/août 2001 US (15.08.2001)
(30) 10/098,685 15 Mar/mar 2002 US (15.03.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ESTIMATION OF TOXIC SUBSTANCE RELEASE
• ESTIMATION DE LIBERATION DE SUBSTANCE TOXIQUE
- (71) SAFER SYSTEMS, L.L.C. [US/US]; 5141 Verdugo Way, Suite B, Camarillo, CA 93012 (US).
- (72) GILBERT, Ernest, J.; 787 Verdemon Circle, Simi Valley, CA 93065 (US). KHAJEHNAJAFI, Shahryar; 2582 Young Avenue, Thousand Oaks, CA 91360 (US).
- (74) VAN DYKE, Daniel et al. / etc.; Van Dyke, Gardner, Linn & Burkhart, LLP, Suite 207, 2851 Charlevoix Drive S.E., P.O. Box 888695, Grand Rapids, MI 49588-8695 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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

(11) WO 02/086548 (13) A2

(21) PCT/DE02/01413

(22) 16 Apr/avr 2002 (16.04.2002)

(25) de (26) de

(30) 201 06 839.7 19 Apr/avr 2001 DE
(19.04.2001)

(30) 201 06 849.4 21 Apr/avr 2001 DE
(21.04.2001)

(30) 101 20 211.3 24 Apr/avr 2001 DE
(24.04.2001)

(30) 201 07 224.6 25 Apr/avr 2001 DE
(25.04.2001)

(30) 201 07 506.7 2 May/mai 2001 DE
(02.05.2001)

(30) 201 08 003.6 12 May/mai 2001 DE
(12.05.2001)

(30) 201 08 025.7 13 May/mai 2001 DE
(13.05.2001)

(30) 201 08 508.9 20 May/mai 2001 DE
(20.05.2001)

(30) 201 16 694.1 14 Oct/oct 2001 DE
(14.10.2001)

(30) 202 04 861.6 26 Mar/mar 2002 DE
(26.03.2002)

(30) 202 05 335.0 8 Apr/avr 2002 DE
(08.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • UNIVERSAL MARKING DEVICE
(ADAPTER) FOR TELESCOPIC MEASURING ROD

- DISPOSITIF DE MARQUAGE UNIVERSEL
(ADAPTEUR) POUR TIGE DE
MESURE TELESCOPIQUE

(71, 72) SORCE, Giacomo [DE/DE]; Am
Rapohl 12, 50859 Köln (DE).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G02B

(11) WO 02/086549 (13) A2

(21) PCT/US02/11660

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/285,342 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHODS AND APPARATUS FOR POSITIONING OPTICAL PRISMS

- PROCEDES ET DISPOSITIFS DESTINES AU POSITIONNEMENT DE PRISMES OPTIQUES

(71) CORNING PRECISION LENS INCORPORATED [US/US]; 4000 McMann Road, Cincinnati, OH 45245 (US).

(72) MAGARILL, Simon; 9836 Orchardclub Drive, Cincinnati, OH 45242 (US). SANSBURY, Blake, E.; 901 Old Orchard Road, Cincinnati, OH 45230 (US).

(74) KLEE, Maurice, M.; Attorney at Law, 1951 Burr Street, Fairfield, CT 06430 (US).

(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 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 02/086550 (13) A2

(21) PCT/US02/12070

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,013 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD OF ABLATING BIOLOGICAL MATERIAL WITH ELECTROMAGNETIC RADIATION DELIVERED BY AN OPTICAL FIBER

- METHODE D'ABLATION D'UNE MATIERE BIOLOGIQUE PAR RAYONNEMENT ELECTROMAGNETIQUE DISTRIBUE PAR UNE FIBRE OPTIQUE

(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) HAAN, David, Jon [US/US]; 673 Alberta Avenue, Sunnyvale, CA 94087 (US).

MEHL, Ronni, Chris [US/US]; 3271 Sunset Terrace, Auburn, CA 95603 (US).

(74) COHEN, Mark, S.; Eitan, Pearl, Latzer & Cohen-Zedek, Crystal Park, Suite 210, 2011 Crystal Drive, Arlington, VA 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086551 (13) A2

(21) PCT/US02/12148

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,599 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SYSTEM FOR ACQUIRING AND MAINTAINING RELIABLE OPTICAL WIRELESS LINKS

- SYSTEME D'ACQUISITION ET D'ENTRETEN DE LIAISONS OPTIQUES SANS FIL FIABLES

(71) TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELENDEZ, Jose, L. [US/US]; 1332 Greenfield Drive, Plano, TX 75025 (US).

KELLER, Robert, C. [US/US]; 7801 LaGuardia Drive, Plano, TX 75025 (US).

(74) WARREN, Franz, L. et al. / etc.; Texas Instruments Incorporated, Deputy General Patent Counsel, P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G02B

(11) WO 02/086552 (13) A2

(21) PCT/US02/12261

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,673 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND APPARATUS FOR PASSIVE SELF ALIGNMENT OF OPTICAL

FIBER ARRAYS AND OTHER STRUCTURES TO SUBSTRATE OPTICAL WAVE GUIDES

- PROCEDE ET SYSTEME D'AUTO-ALIGNEMENT PASSIF D'UN RESEAU DE FIBRES OPTIQUES ET AUTRES STRUCTURES AVEC DES GUIDES D'ONDE OPTIQUES D'UN SUBSTRAT

(63) US 60/284,673 (CIP)
18 Apr/avr 2001 (18.04.2001)

(71) L3 OPTICS, INC. [US/US]; One Broadway, 14th Floor, Cambridge, MA 02142 (US).

(72, 75) LUKAS, Gregory, J. [—/—]; 42376 Swan Lake #203, Northville, MI 48167 (US).

(74) GITTEN, Howard, M. 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086553 (13) A2

(21) PCT/US02/12347

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,218 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- A PUMP ASSEMBLY EMPLOYING COUPLED RADIATION SOURCES FOR MULTIPLE FIBERS
- ENSEMBLE DE POMPAGE METTANT EN OEUVRE DES SOURCES DE RAYONNEMENT COUPLEES DESTINEES A PLUSIEURS FIBRES

(71) DORSAL NETWORKS, INC. [US/US]; 9212 Berger Road, Columbia, MD 21046 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIEH, William [US/US]; 12290 Green Meadow Drive #308, Columbia, MD 21044 (US). PETRICEVIC, Vladimir [US/US]; 6128 Honeycomb Gate, Columbia, MD 21045 (US). CLARK, Thomas [US/US]; 6174 Commadore Court, Columbia, md 21045 (US).

(74) KUMAR, Johnny, A. et al. / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086554 (13) A2

(21) PCT/US02/12421

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,594 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- A METHOD OF PUMP WAVELENGTH COMBINING FOR ENHANCED POWER DYNAMIC RANGE AND REDUNDANCY BROAD BAND RAMAN OPTICAL AMPLIFIER SYSTEM

- PROCEDE VISANT A SEPARER DES LONGUEURS D'ONDE DE POMPAGE POUR SYSTEME AMPLIFICATEUR OPTIQUE RAMAN LARGE BANDE A REDONDANCE ET PLAGE DYNAMIQUE DE PUISSANCE RENFORCES

(71) DORSAL NETWORKS, INC. [US/US]; 9212 Berger Road, Columbia, MD 21046 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEDERSEN, Bo [US/US]; 1398 Saefern Way, Annapolis, MD 21401 (US). SHIEH, William [US/US]; 12290 Green Meadow Drive #306, Columbia, MD 21044 (US). PETRICEVIC, Vladimir [US/US]; 6128 Honeycomb Gate, Columbia, MD 21045 (US). CLARK, Thomas [US/US]; 6174 Commadore Court, Columbia, MD 21045 (US).

(74) KUMAR, Johnny, A. et al. / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086555 (13) A2

(21) PCT/US02/12436

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,461 20 Apr/avr 2001 US (20.04.2001)

(30) 09/940,763 27 Aug/août 2001 US (27.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- METHOD AND APPARATUS FOR ALIGNING OPTICAL WIRELESS LINKS

- PROCEDE ET APPAREIL D'ALIGNEMENT DE LIAISONS OPTIQUES RADIO

(71) TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, MS 3999, Dallas, TX 75265-5474 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEMINGER, Mark, David [US/US]; 102 North River Court, NE, Rochester, MN 55906 (US). OETTINGER, Eric, Gregory [US/US]; 532 5th Street, SW, Rochester, MN 55902 (US). HAGEN, Mark, David [US/US]; 1781 Bear Ridge Lane, SE, Rochester, MN 55904 (US). NORTHRUP, Karl, Kirk [US/US]; 409 41st Street Avenue, NW, Rochester, MN 55901 (US).

(74) FRANZ, Warren, L. et al. / etc.; Texas Instruments Incorporated, Deputy General Patent Counsel, P.O. Box 655474, MS 3999, Dallas, TX 75265-5474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G02B

(11) WO 02/086556 (13) A2

(21) PCT/US02/12437

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,690 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE RECEIVERS

• SYSTEME DE COMMUNICATION OPTIQUE SANS FIL A RECEPTEURS MULTIPLES

(71) TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLER, Robert, C. [US/US]; 7801 LaGuardia Drive, Plano, TX 75025 (US).
MELENDEZ, Jose, L. [US/US]; 1332 Greenfield Drive, Plano, TX 75025 (US).

(74) FRANZ, Warren, L. et al. / etc.; Texas Instruments Incorporated, P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G02B

(11) WO 02/086557 (13) A2

(21) PCT/US02/13033

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,437 25 Apr/avr 2001 US (25.04.2001)

(30) 60/330,059 16 Oct/oct 2001 US (16.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLASMONIC NANOPHOTONICS METHODS, MATERIALS, AND APPARATUS

• PROCEDES, MATERIAUX ET APPAREILS NANOPHOTONIQUES PLASMONIQUES

(71) NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION [US/US]; MSC 3RES - Box 30001, Las Cruces, NM 88003-8001 (US).
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(72, 75) SARYCHEV, Andrey, K. [RU/US]; Purdue University, School of Electrical & Computer Engineering, West Lafayette, IN 47909-1285 (US).
PODOLSKIY, Viktor, A. [RU/US]; 1725 E. Idaho Avenue, Las Cruces, NM 88001-4344 (US).
DYKHNE, Alexander, M. [RU/RU]; Moscow Institute of Physics and Technology, Dolgoprudny, Moscow, 141700 (RU).
SHALAEV, Vladimir, M. [US/US]; 2221 Carlisle Road, West Lafayette, IN 47906 (US).

(74) MYERS, Jeffrey, D.; Peacock, Myers & Adams, P.C., Post Office Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 1/00

(11) WO 02/086558 (13) A2

(21) PCT/US02/12507

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,836 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WEDGE-SHAPED LENSLESS LASER FOCUSING DEVICE

• DISPOSITIF CUNEIFORME DE FOCALISATION LASER SANS LENTILLE

(71, 72) WILLDEN, Dee, E. [US/US]; 1489 West 2nd Avenue, Port Washington, WI 53074 (US).

(74) KUBORN, Joseph, D. et al. / etc.; Andrus, Sceales, 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 G02B 1/10, B32B 9/00, 7/02, G09F 9/00

(11) WO 02/086559 (13) A1

(21) PCT/IP02/03825

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118463 17 Apr/avr 2001 JP (17.04.2001)

(30) 2001-353265 19 Nov/nov 2001 JP (19.11.2001)

(30) 2002-74033 18 Mar/mar 2002 JP (18.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTIREFLECTION FILM AND ANTIREFLECTION LAYER-AFFIXED PLASTIC SUBSTRATE

• FILM ANTIREFLET ET SUBSTRAT PLASTIQUE A COUCHE ANTIREFLET APPOSEE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KOBAYASHI, Tomio [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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ISHIZAKI, Haruo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
LEE, Sung-Kil [KR/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G02B 5/00

(11) WO 02/086560 (13) A2

(21) PCT/IB02/02871

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/789,888 21 Feb/fév 2001 US (21.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GRATING STRUCTURES AND METHODS OF MAKING THE GRATING STRUCTURES

• STRUCTURES EN RESEAU ET PROCEDES DE FABRICATION DESDITES STRUCTURES EN RESEAU

(71) **IBSEN PHOTOTONICS** [DK/DK]; Ryttermarken 15-21, DK-3520 Farum (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72) **MADSEN, Henrik**; Ganlosevej 43, DK-3520 Farum (DK). **WEICHEL, Steen**; H Schneeklothsvej 7, 3. TV., DK-2000 Frederiksberg (DK). **IBSEN, Per, Eld**; Peblinge Dossering 4, S.T. TV., DK-2000 Copenhagen (DK). **ROSE, Bjarke**; Skovkrogen 14A, DK-3450 Allerød (DK).

(72, 75) **HOLM, Johan, Christer** [DK/DK]; Tagensvej 180, 4. TH., DK-2200 Copenhagen (DK).

(74) **SPERLING, Rüdiger**; Staeger & Sperling, Müllerstr. 3, 80469 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 5/08, 26/00, 26/08

(11) WO 02/086561 (13) A1

(21) PCT/US02/12734

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,698 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SURFACE MICROMACHINED OPTICAL SYSTEM WITH REINFORCED MIRROR MICROSTRUCTURE
• SYSTEME OPTIQUE A SURFACE MICRO-USINEE A MICROSTRUCTURE A MIROIRS RENFORCEE

(71) **MEMX, INC.** [US/US]; 5600 Wyoming Boulevard, N.E., Suite 20, Albuquerque, NM 87109 (US).

(72) **SNIEGOWSKI, Jeffrey, J.**; 64 Vallecitos Drive, Tijeras, NM 87059 (US). **RODGERS, M., Steven**; 12216 Papaya Court, N.E., Albuquerque, NM 87111 (US).

(74) **JOHNSON, James, L.**; Marsh Fischmann & Breyfogle, LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 5/30, G02F 1/1335

(11) WO 02/086562 (13) A1

(21) PCT/JP02/03760

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-123389 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL FILM HAVING CONTROLLED SCATTERING/TRANSMITTING CHARACTERISTICS

• FILM OPTIQUE A CARACTERISTIQUES REGULEES DE DIFFUSION / TRANSMISSION

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARADA, Takamasa** [JP/JP]; c/o Clariant(Japan)K.K., Bunkyo Green Court, Center Office 9th Floor, 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8662 (JP).

(74) **KANAOKA, Hiroki et al.** / etc.; Mutsumi International Patent Bureau, Bandai Bldg., 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (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).

Published / Publiée : (b)

(51)⁷ G02B 6/00

(11) WO 02/086563 (13) A2

(21) PCT/US01/51608

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) 60/258,389 27 Dec/déc 2000 US (27.12.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL FIBER ENCODED WITH DATA SIGNAL

• FIBRE OPTIQUE CODEE AVEC UN SIGNAL DE DONNEES

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **JACOBS, Gregory, F.**; 909 Hoffman Street, Elmira, NY 14905 (US). **HAWTOF, Daniel, W.**; 40 Fox Lane Ext, Painted Post, NY 14870 (US). **HOPSTOCK, David, M.**; 2126 South Rosewood Lane, Roseville, MN 55113 (US).

(74) **KROGH, Timothy, R.**; Corning Incorporated, SP II 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 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) 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, 6/34

(11) WO 02/086564 (13) A1

(21) PCT/US02/12988

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,292 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOW COST ADHESIVE BONDING OF GETTER

• ASSEMBLAGE ADHESIF D'UN GETTER A FAIBLE PRIX

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **CROOK, Russell, A.**; 104 O'Malia Cricle, Painted Post, NY 14870 (US). **SRINIVASAN, Gajawalli, V.**; 5862 Royal Fern Road, Allentown, PA 18104 (US). **WOMER, Kim, E.**; 151 Backer Road, Beaver Dams, NY 14812 (US).

(74) **SCHAEBERLE, Timothy, M.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 G02B 6/12, G02F 1/125

(11) WO 02/086565 (13) A1

(21) PCT/GB02/01852

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109788.0 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PHOTONIC BAND GAP DEVICE

• DISPOSITIF A LARGEUR DE BANDE INTERDITE PHOTONIQUE

(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) **DUTHIE, Peter, John** [GB/GB]; 2 The Cottages, Grove End, Hilton, Huntingdon, Cambs, PE28 9PF (GB). **WARD, Elizabeth, May** [GB/GB]; Christchurch House, 58 Christchurch Road, Abingdon, Northampton NN1 5LN (GB).

(74) **UNWIN, Stephen, Geoffrey 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 6/255

(11) WO 02/086566 (13) A2

(21) PCT/EP02/03907

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 805.1 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR GENERATING A CONNECTION BETWEEN AT LEAST TWO LIGHT WAVE GUIDES IN PARTICULAR IN THE FORM OF A FUSION SPLICE

• DISPOSITIF POUR CREER UNE JONCTION ENTRE AU MOINS DEUX FIBRES OPTIQUES, NOTAMMENT SOUS FORME D'UNE EPISSURE PAR FUSION

(71) CCS TECHNOLOGY, INC. [US/US]; 103 Foulk Road, Wilmington, DE 19803 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAMZOW, Bert [DE/DE]; Graffing 14, 44795 Bochum (DE).

(74) EPPING HERMANN & FISCHER; Riederstrasse 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G02B 6/26

(11) WO 02/086567 (13) A1

(21) PCT/JP02/03818

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-119496 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL FIBER ARRAY

• RESEAU DE FIBRES OPTIQUES

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(72) MATSUMOTO, Akira; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). FUKUYAMA, Masashi; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). IDE, Akiyoshi; 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) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G02B 6/293

(11) WO 02/086568 (13) A2

(21) PCT/US02/12535

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/840,524 23 Apr/avr 2001 US
(23.04.2001)

(30) 09/840,363 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL INTERFEROMETER FOR DEMULTIPLEXING AN OPTICAL SOUND

• INTERFEROMETRE OPTIQUE DESTINE A DEMULTIPLEXER UN SIGNAL OPTIQUE

(71) CHORUM TECHNOLOGIES LP [US/US]; 1303 East Arapaho Road, Richardson, TX 75081 (US).

(72) ZHOU, Gan; 3332 Nieman Road, Plano, TX 75024 (US).

(74) BHAVSAR, Samir, A.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G02B 6/32

(11) WO 02/086569 (13) A1

(21) PCT/US02/12450

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,273 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR COUPLING AND REDIRECTING OPTICAL ENERGY BETWEEN TWO OPTICAL WAVEGUIDES ORIENTED AT A PRE-DETERMINED ANGLE

• SYSTEME ET PROCEDE DE COUPLAGE ET DE REORIENTATION DE L'ENERGIE OPTIQUE ENTRE DEUX GUIDES D'ONDE OPTIQUES ORIENTES SELON UN ANGLE PRE-DETERMINE

(71) CYBER OPERATIONS, LLC [US/US]; 1070 E. Indiantown Road, Suite 400, Jupiter, FL 33477 (US).

(72) LINDSEY, Lonnie, D.; 15612 Las Solanas Street, Westminster, CA 92683 (US).

(74) WIGMORE, Steven, P.; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 6/34

(11) WO 02/086570 (13) A1

(21) PCT/GB02/01453

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0109656.9 19 Apr/avr 2001 GB
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL DEMULTIPLEXER

• DEMULTIPLEXEUR OPTIQUE

(71) BOOKHAM TECHNOLOGY PLC [GB/GB]; 90 Milton Park, Abingdon, Oxfordshire 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, Oxfordshire OX14 1LU (GB).

(74) DRIVER, Virginia, Rozanne; 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 6/34

(11) WO 02/086571 (13) A2

(21) PCT/US02/12868

- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,801 25 Apr/avr 2001 US (25.04.2001)
- (30) 60/300,639 25 Jun/juin 2001 US (25.06.2001)
- (30) 09/950,124 10 Sep/sep 2001 US (10.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIFFRACTIVE STRUCTURE FOR HIGH-DISPERSION WDM APPLICATIONS
- STRUCTURE DE DIFFRACTION DESTINEE A DES APPLICATIONS DE MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE (MRL) A FORTE DISPERSION
- (71) CHROMAPLEX, INC. [US/US]; 150 Lucius Gordon Drive, Suite 115, West Henrietta, NY 14586 (US).
- (72) HOOSE, John; 14 Dewey Avenue, Fairport, NY 14450 (US). FRANKEL, Robert, D.; 285 Idlewood Road, Rochester, NY 14618 (US). POPOV, Evgeny; D. U. St. Jerome, F-13397 Marseille Cedex 20 (FR).
- (74) STUTIUS, Wolfgang, E. et al. / etc.; Ropes & Gray, Patent Group, One International Place, 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).
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- (51)⁷ G02B 6/35
- (11) WO 02/086572 (13) A1
- (21) PCT/US02/12269
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,671 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COLLAPSE BASED INTEGRATED ELECTROSTATIC ACTIVE OPTICAL ELEMENTS AND METHOD FOR MANUFACTURE THEREOF
- ELEMENTS OPTIQUES ELECTROSTATIQUES ACTIFS INTEGRES A AFFAISSEMENT ET PROCEDE DE FABRICATION
- (63) US 60/284,671 (CIP) 18 Apr/avr 2001 (18.04.2001)
- (71) L3 OPTICS, INC. [US/US]; One Broadway, 14th Floor, Cambridge, MA 02142 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMIRPARVIZ, Babak [—/US]; 723 McKinley Street, Ann Arbor, MI 48104 (US). AL-HEMYARI, Kadhair [—/US]; 17370 Hidden Lake Way, Northville, MI 48167 (US).
- (74) GITTEN, Howard, M. 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G02B 6/36
- (11) WO 02/086573 (13) A1
- (21) PCT/US02/11941
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 60/284,489 18 Apr/avr 2001 US (18.04.2001)
- (30) 10/037,507 4 Jan/jan 2002 US (04.01.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMMUNICATIONS ASSEMBLY DISABLING MECHANISM
- MECANISME DE MISE HORS FONCTION D'UN SYSTEME DE COMMUNICATION
- (71) CORONA OPTICAL SYSTEMS, INC. [US/US]; 450 Eisenhower Lane, Lombard, IL 60148 (US).
- (72) O'CONNOR, Gary; 445 Cumberland Lane, Bolingbrook, IL 60440 (US).
- (74) CHRISTENSEN, Jon, P.; Welsh & Katz, Ltd., 22nd floor, 120 S. 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 G02B 6/42, 6/26, 6/35
- (11) WO 02/086574 (13) A2
- (21) PCT/GB02/01799
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 0109839.1 21 Apr/avr 2001 GB (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL SIGNAL TRANSMITTER MODULES
- MODULE EMETTEUR DE SIGNAUX OPTIQUES
- (71) BOOKHAM TECHNOLOGY PLC [GB/GB]; 90 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NEEDHAM, Anthony, Alan [GB/GB]; The Old School House, Bell Lane, Byfield, Northants NN7 3NH (GB). CARTER, Andrew, Cannon [GB/GB]; 32A Stoke Road, Blisworth, Northants NN7 3BZ (GB). DUTHIE, Peter, John [GB/GB]; 2 The Cottages, Grove End, Huntingdon, Cambs PE28 9PF (GB). EDGE, Colin [GB/GB]; 66 Ridgeway, Weston Favell, Northampton NN3 3AR (GB).
- (74) CLAYTON-HATHWAY, Anthony, Nicholas 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).
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- (51)⁷ G02B 6/42, 6/34
- (11) WO 02/086575 (13) A1
- (21) PCT/US02/12216
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 09/838,709 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WDM TRANSMITTER OR RECEIVER INCLUDING AN ARRAYED WAVEGUIDE GRATING AND INTEGRATED PHOTO-DETECTORS
- EMETTEUR OU RECEPTEUR M.R.L. COMPRENANT UN GUIDE D'ONDES EN RESEAU ET DES PHOTODETECTEURS INTEGRES
- (71) APIC CORPORATION [US/US]; 5800 Uplander Way, Culver City, CA 90230-6608 (US).
- (72) DUTT, Birendra; c/o Apic Corporation, 5800 Uplander Way, Culver City, CA 90230-6608 (US). CHAN, James; c/o Apic Corporation, 5800 Uplander Way, Culver City, CA 90230-6608 (US).
- (74) ORLER, Anthony, J. et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, Suite 1900, 500 South Grand Avenue, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 6/44

(11) WO 02/086576 (13) A1

(21) PCT/US02/12991

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,518 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARTICULATED TROUGH SYSTEM
FOR COMMUNICATION CABLES

• SYSTEME DE CHEMIN DE CABLES
ARTICULE DESTINE A DES CABLES
DE TELECOMMUNICATIONS

(71) ADC TELECOMMUNICATIONS, INC.
[US/US]; 13265 Technology Drive, Eden
Prairie, MN 55344-2252 (US).

(72) WENTWORTH, Michael, J.; 15186 Blake-
ley Trail, Belle Plaine, MN 56011 (US).
KAMPE, Thomas, Walter; 5606 Pom-
pano Drive, Minnetonka, MN 55343 (US).
WATTS, Alex; 426 Willoughby Way West,
Minnetonka, MN 55305 (US). NAULT,
Patrick, Jude; 114 Carver Creek Circle,
Carver, MN 55315 (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).

Published / Publiée : (c)

(51)⁷ G02B 13/00, 5/18, G11B 7/135

(11) WO 02/086577 (13) A1

(21) PCT/JP02/03794

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-117844 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OBJECTIVE LENS, OPTICAL HEAD
APPARATUS, OPTICAL INFORMA-
TION RECORDING/REPRODUCING
APPARATUS

• LENTILLE D'OBJECTIF, APPAREIL A
TETE OPTIQUE, APPAREIL D'ENRE-
GISTREMENT/DE REPRODUCTION
D'INFORMATION OPTIQUE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006-banchi,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8501
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KIKUCHI, Atsuo [JP/JP]; 4-40-829,
Nonakaminami 1-chome, Yodogawa-ku, Os-
aka-shi, Osaka 532-0022 (JP). HAYASHI,
Hideki [JP/JP]; 11-25-4, Tezukayamami-
nami 5-chome, Nara-shi, Nara 631-0064 (JP).
MIZUNO, Sadao [JP/JP]; 22-10, Shirakawa
2-chome, Ibaraki-shi, Osaka 567-0832 (JP).

(74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; 26th Floor, OAP TOWER,
8-30, Tenmabashi 1-chome, Kita-ku, Osaka-
shi, Osaka 530-6026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR 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 MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 21/00

(11) WO 02/086578 (13) A2

(21) PCT/IL02/00323

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 142782 24 Apr/avr 2001 IL
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OBJECTIVE-TYPE DARK FIELD
SCATTERING MICROSCOPE

• MICROSCOPE A DIFFUSION SUR
FOND SOMBRE DE TYPE A OBJEC-
TIF

(71) YEDA RESEARCH AND DEVELOP-
MENT CO. LTD. [IL/IL]; c/o The Weiz-
mann Institute of Science, P.O. Box 95, 76100
Rehovot (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRASLAVSKY, Ido [IL/US]; 120
S. Chester Avenue #7, Pasadena, CA
91106 (US). STAVANS, Joel [IL/IL]; 22/8
Gorodesky Street, 76227 Rehovot (IL).
AMIT, Roee [IL/IL]; 19 Canarit Street, P.O.
Box 5553, 38900 Caesarea (IL).

(74) SANFORD T. COLB & CO.; 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).

(51)⁷ G02B 21/16, 1/11

(11) WO 02/086579 (13) A1

(21) PCT/EP02/03217

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 19 909.0 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INSPECTION MICROSCOPE FOR SEV-
ERAL WAVELENGTH RANGES AND
REFLECTION REDUCING LAYER FOR
AN INSPECTION MICROSCOPE FOR
SEVERAL WAVELENGTH RANGES

• MICROSCOPE DE CONTROLE POUR
PLUSIEURS GAMMES DE LON-
GUEURS D'ONDE ET COUCHE AN-
TIREFLET DESTINEE A UN MICRO-
SCOPE DE CONTROLE POUR PLU-
SIEURS GAMMES DE LONGUEURS
D'ONDE

(71) LEICA MICROSYSTEMS WETZLAR
GMBH [DE/DE]; Postfach 20 40, 35578
Wetzlar (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EISENKRÄMER, Frank [DE/DE]; Am
Buchacker 3, 35444 Biebertal (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 21/16

(11) WO 02/086580 (13) A2

(21) PCT/EP02/03974

(22) 10 Apr/avr 2002 (10.04.2002)

(25) de (26) de

(30) 101 19 992.9 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ILLUMINATING DEVICE

• DISPOSITIF D'ECLAIRAGE

(71) LEICA MICROSYSTEMS SEMI-
CONDUCTER GMBH [DE/DE];
Ernst-Leitz-Strasse 17-37, 35578 Wetzlar
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VEITH, Michael [DE/DE]; Heidenstock
36a, 35578 Wetzlar (DE). DANNER, Lam-
bert [AT/DE]; Weingartenstrasse 37, 35584
Wetzlar-Naunheim (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 23/06, 17/08

(11) WO 02/086581 (13) A1

(21) PCT/NZ02/00070

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

- (30) 511257 **20 Apr/avr 2001** NZ
(**20.04.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMAGING SYSTEM HAVING A DUAL CASSEGRAIN-LIKE FORMAT
• SYSTEME D'IMAGERIE AYANT UN FORMAT DE TYPE CASSEGRAIN DOUBLE
- (71) INDUSTRIAL RESEARCH LIMITED [NZ/NZ]; 24 Balfour Road, Parnell, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEACH, Allan, David [NZ/NZ]; 786 South Titirangi Road, Titirangi, Auckland (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)⁷ G02B 26/00, 27/10, 27/30
- (11) WO 02/086583 (13) A1
- (21) PCT/US02/08120
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) en (26) en
- (30) 09/812,066 17 Mar/mar 2001 US (17.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THREE DIMENSIONAL OPTICAL SWITCHES AND BEAM STEERING MODULES
• COMMUTATEURS OPTIQUES TRIDIMENSIONNELS ET MODULES DE POINTAGE DE FAISCEAU
- (71) ONIX MICROSYSTEMS [US/US]; 4138 Lakeside Drive, Richmond, CA 94806 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEHIN, Behrang [—/US]; 2427 Hildgard Ave, #23, Berkeley, CA 94709 (US).
CHAPARALA, Murali [IN/US]; 4109 SE 183rd Place, Vancouver, WA 98683 (US).
CONANT, Robert [US/US]; 2342 Shattuck Avenue, #212, Berkeley, CA 94704 (US).
DANEMAN, Michael [US/US]; 443 Gateway Drive, Pacifica, CA 94044 (US).
HORSLEY, David [US/US]; 1807 Spruce Street, Berkeley, CA 94707 (US).
KIANG, Meng-Hsiung [—/US]; 1807 Spruce Street, CA 94709 (US).
LERNER, David [US/US]; 25 Granada Drive, Corte Madera, CA 94925 (US).
PANNU, Satinderpall [US/US]; 490 Arlington Avenue, Berkeley, CA 94707 (US).
WYCZALKOWSKI, Matthew [US/US]; 6065 Canning Street, Oakland, CA 94609 (US).
ZALEWSKI, Gary [US/US]; 1096 Trestle Glen, Oakland, CA 94610 (US).
- (74) ISENBERG, Joshua; JDI Patent, 204 Castro Lane, Fremont, CA 94539 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G02B 26/02
- (11) WO 02/086584 (13) A1
- (21) PCT/FR02/01346
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) fr (26) fr
- (30) 01/05429 23 Apr/avr 2001 FR (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MULTICHANNEL OPTICAL SWITCH
• COMMUTATEUR OPTIQUE MULTIVOIE
- (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) VALETTE, Serge [FR/FR]; 131, cours de la Libération, F-38100 Grenoble (FR).
CLERC, Jean-Frédéric [FR/FR]; 8, rue du Mont Pertuis, F-38120 Le Fontanil (FR).
- (74) WEBER, Etienne; 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 G02B 26/02, 26/08, G02F 1/31, H04Q 3/52
- (11) WO 02/086585 (13) A1
- (21) PCT/US02/07368
- (22) 11 Mar/mar 2002 (11.03.2002)
- (25) en (26) en
- (30) 09/811,843 19 Mar/mar 2001 US (19.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MEMS-BASED OPTICAL SWITCH WHEREIN THE MIRRORS COMPRISE AN OPTICAL SENSOR
• COMMUTATEUR OPTIQUE A SYSTEMES MICROELECTROMECHANIQUES DANS LEQUEL LES MIROIRS POSSEDENT UN CAPTEUR OPTIQUE
- (71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CASTRACANE, James [US/US]; 3 Marion Avenue, Albany, NY 12203 (US).
- (74) PASCARELLA, David et al. / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 26/08, B81B 3/00, B81C 1/00

- (11) WO 02/086586 (13) A1
(21) PCT/JP02/03858
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ja (26) ja
(30) 2001-120440 19 Apr/avr 2001 JP
(19.04.2001)
(30) 2002-31615 8 Feb/fév 2002 JP
(08.02.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MIRROR DEVICE, OPTICAL SWITCH,
THIN FILM ELASTIC STRUCTURE,
AND THIN FILM ELASTIC STRUC-
TURE PRODUCING METHOD
• DISPOSITIF DE MIROIR, COMMUTA-
TEUR OPTIQUE, STRUCTURE ELAS-
TIQUE A PELLICULES MINCES ET
PROCEDE DE PRODUCTION DE LA-
DITE STRUCTURE ELASTIQUE

- (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) ISHIZUYA, Tohru [JP/JP]; c/o,
NIKON CORPORATION, 2-3, Marunouchi
3-Chome, Chiyoda-ku, Tokyo 100-8331
(JP). AKAGAWA, Keiichi [JP/JP]; c/o,
NIKON CORPORATION, 2-3, Marunouchi
3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

- (74) HOSOE, Toshiaki; Corpo Fuji 605, 3-6,
Nishikanagawa 1-Chome, Kanagawa-ku,
Yokohama-Shi, Kanagawa 221-0822 (JP).

- (81) CN KR US.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G02B 26/08, 26/00

- (11) WO 02/086587 (13) A1
(21) PCT/US02/12495
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/284,943 20 Apr/avr 2001 US
(20.04.2001)
(30) 60/303,772 10 Jul/juil 2001 US
(10.07.2001)
(30) 10/085,143 1 Mar/mar 2002 US
(01.03.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COMPLIANT MECHANISM AND
METHOD OF FORMING SAME
• MECANISME COMPLIANT ET PRO-
CEDE DE FABRICATION DE CE ME-
CANISME

- (71) SOLUS MICRO TECHNOLOGIES, INC.
[US/US]; 5706 Corsa Avenue, Suite 100,
Westlake Village, CA 91362 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) LITTLE, Michael, J. [US/US]; 5500
Tanoak Lane #249, Oak Park, CA 91377
(US). TYRIE, Thomas, S. [US/US]; 631
Oak Run Trail #302, Oak Park, CA 91377
(US). EATON, William, P. [US/US]; 2438
Chiquita Lane, Thousand Oaks, CA 91362
(US). LYON, John, J. [US/US]; 21789 Crest-
wind Road, San Marcos, CA 92078-5075
(US).

- (74) FLESHNER, Mark, L. et al. / etc.; Fleshner
& Kim, LLP, P.O. Box 221200, Chantilly, VA
20153-1200 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 26/10, 27/01, G06K 15/12, H04N
1/192, 1/113

- (11) WO 02/086588 (13) A1
(21) PCT/US01/47524
(22) 9 Nov/nov 2001 (09.11.2001)
(25) en (26) en
(30) 09/839,849 20 Apr/avr 2001 US
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SCANNED IMAGING APPARATUS
WITH SWITCHED FEEDS
• APPAREIL D'IMAGERIE PAR BAL-
LAYAGE NUMERIQUE DOTE D'AP-
PROVISIONNEMENTS COMMUTES

- (71) MICROVISION, INC. [US/US]; 19910
North Creek Parkway, P.O. Box 3008, Both-
ell, WA 98011 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) LEWIS, John, R. [US/US]; 16552
Southeast 19th Street, Bellevue, WA 98008
(US). UREY, Hakan [TR/US]; 18574 North-
east 57th Street, Redmond, WA 98052 (US).
MURRAY, Bernard, G. [US/US]; 5509
Northeast 180th Street, Seattle, WA 98155
(US).

- (74) SANTARELLI, Bryan, A. et al. / etc.; Gray-
beal Jackson Haley LLP, 155-108th Avenue
Northeast, Suite 350, Bellevue, WA 98004-
5901 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 G02B 27/00

- (11) WO 02/086589 (13) A2
(21) PCT/IE02/00052
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) S2001/0404 24 Apr/avr 2001 IE
(24.04.2001)
(30) S2001/0480 17 May/mai 2001 IE
(17.05.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • LENTICULAR DEVICE
• DISPOSITIF LENTICULAIRE

- (71, 72) LAVERTY, Owen [IE/IE]; 2 Royal
Court, Bow Lane West, Dublin 8 (IE).

- (74) BOYCE, Conor et al. / etc.; F.R. Kelly & Co,
27 Clyde Road, Ballsbridge, Dublin 4 (IE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G02B 27/01

- (11) WO 02/086590 (13) A1
(21) PCT/US02/12270
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/839,670 20 Apr/avr 2001 US
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • HEAD MOUNTED DISPLAY WITH
FULL FIELD OF VIEW AND HIGH
RESOLUTION
• VISIOCASQUE A CHAMP COMPLET
DE VISUALISATION ET HAUTE RESO-
LUTION

(71) **JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).

(72) **MASSOF, Robert, W.**; 7634 Bush Avenue, Pasadena, MD 21122 (US). **BROWN, Lawrence, G.**; 211A Quaker Bottom Road, Sparks, MD 21152 (US). **SHAPIRO, Marc, D.**; 2704 B Jeremy Court, Baltimore, MD 21209 (US).

(74) **JENSEN, Steven, M. et al. / etc.**; Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, 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).

Published / Publiée : (c)

(51)⁷ G02B 27/01

(11) **WO 02/086591** (13) A1

(21) PCT/US02/12860

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/285,850 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGE DISPLAY SYSTEM AND ELECTRICALLY ACTUATABLE IMAGE COMBINER THEREFOR

• SYSTEME D'AFFICHAGE D'IMAGES ET COMBINEUR D'IMAGES A COMMANDE ELECTRIQUE ASSOCIE

(71) **REVEO, INC.** [US/US]; 85 Executive Blvd., Elmsford, NY 10523 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HE, Zhan** [US/US]; 35 Rome Avenue, Apt. 6B, Bedford Hills, NY 10807 (US). **LIN, Jaujeng** [—/US]; 389 Hallocks Mill Road, Yorktown Heights, NY 10589 (US).

(74) **CRISPINO, Ralph, J.**; Reveo, Inc., 85 Executive Bld., Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/09

(11) **WO 02/086592** (13) A1

(21) PCT/EP02/02988

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) de (26) de

(30) 101 13 572.6 **20 Mar/mar 2001 DE (20.03.2001)**

(30) 101 21 747.1 **4 May/mai 2001 DE (04.05.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELEMENT FOR THE COMBINED SYMMETRIZATION AND HOMOGENIZATION OF A BUNDLE OF BEAMS

• ELEMENT DE SYMETRISATION ET D'HOMOGENEISATION COMBINEES D'UN FAISCEAU DE RAYONS

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

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(72, 75) **BRENNER, Karl-Heinz** [DE/DE]; Ida-Dehmel-Ring 78, 68309 Mannheim (DE).

(74) **THIES, Stephan**; 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).

(51)⁷ G02B 27/09

(11) **WO 02/086593** (13) A2

(21) PCT/US02/12506

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,836 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LENSLESS LASER FOCUSING DEVICE

• DISPOSITIF DE FOCALISATION LASER SANS LENTILLE

(71, 72) **WILLDEN, Dee, E.** [US/US]; 1489 West 2nd Avenue, Port Washington, WI 53074 (US).

(74) **KUBORN, Joseph, D. et al. / etc.**; Andrus, Sceales, 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 G02B 27/14

(11) **WO 02/086594** (13) A1

(21) PCT/US02/12359

(22) **18 Apr/avr 2002 (18.04.2002)**

(25) en (26) en

(30) 60/285,498 **20 Apr/avr 2001 US (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPACT OPTIC FOR DISPLAYING SPATIAL LIGHT MODULATORS

• SYSTEME OPTIQUE COMPACT DE PRESENTATION DE MODULATEURS SPATIAUX DE LUMIERE

(71) **MARTIN SHENKER OPTICAL DESIGN, INC.** [US/US]; 20 Haarlem Avenue, Suite 401A, White Plains, NY 10603 (US).

(72) **WEISSMAN, Paul, E.**; Suite 401A, 20 Haarlem Avenue, White Plains, NY 10603 (US).

(74) **BELISARIO, Martin, G. et al. / etc.**; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 27/22

(11) **WO 02/086595** (13) A1

(21) PCT/KR01/01044

(22) **19 Jun/juin 2001 (19.06.2001)**

(25) en (26) en

(30) 2001/21836 **23 Apr/avr 2001 KR (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STEREOSCOPIC VIEWER FROM TWO PLAIN IMAGES

• VISIONNEUSE STEREOSCOPIQUE UTILISANT DEUX IMAGES PLAINES COMPLETES DE DEUX IMAGES PLAINES

(71, 72) **KIM, Hyo-Seob** [KR/KR]; 110-203 Ichon-apt, 414 Ichon-dong, Yongsan-gu, Seoul 140-744 (KR).

(74) **LEE, Sang-Chan et al. / etc.**; Honesty & Patent, Kukdong Bldg. 20F, 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 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 G02B 27/28, 6/34, H04J 14/02

(11) WO 02/086596 (13) A1

(21) PCT/US02/12310

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,221 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLARIZATION INSENSITIVE TUNABLE OPTICAL FILTERS

• FILTRES OPTIQUES ACCORDABLES INSENSIBLES A LA POLARISATION

(71, 72) CORMACK, Robert, H. [US/US]; 5305 Holmes Place, Boulder, CO 80303 (US).

(74) BALES, Jennifer, L. et al. / etc.; Macheledt Bales LLP, Mountain View Plaza, 1520 Euclid Circle, Lafayette, CO 80026-1250 (US).

(81) 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 G02C 7/10, H04N 3/14, 5/335

(11) WO 02/086597 (13) A1

(21) PCT/US02/06608

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 60/273,525 5 Mar/mar 2001 US (05.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COLOR DISPLAY CONTRAST ENHANCING APPARATUS

• APPAREIL DE RENFORCEMENT DU CONTRASTE POUR AFFICHEUR COULEUR

(71, 72) SMITH, Warren [US/US]; 27 Sandy Brook Dr., Durham, NH 03824 (US).

(74) CARROLL, Kevin et al. / etc.; Devine, Millimet & Branch, 111 Amherst St., Box 719, Manchester, NH 03105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 G02C 9/00

(11) WO 02/086598 (13) A1

(21) PCT/US01/12587

(22) 18 Apr/avr 2001 (18.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUXILIARY CORRECTIVE EYEGLASSES FOR USE WITH PRIMARY EYEGLASSES

• VERRES CORRECTEURS AUXILIAIRES A UTILISER SUR DES VERRES PRINCIPAUX

(71, 72) LEDBETTER, Donald, L. [US/US]; 10721 Woodriden Street, Oklahoma City, OK 73170 (US). OLIPHANT, Samuel, C., Jr. [US/US]; 9516 Regal Lane, Oklahoma City, OK 73162 (US).

(74) LEE, Mary, M.; 3441 W. Memorial Road, No. 8, Oklahoma City, OK 73134-7000 (US).

(81) 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 G02C 11/06

(11) WO 02/086599 (13) A1

(21) PCT/EP02/04309

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) PD2001U000034 23 Apr/avr 2001 IT (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EYEGLASSES SUITABLE FOR TRANSMITTING AND RECEIVING CELLULAR TELEPHONE CALLS

• LUNETTES APPROPRIÉES A LA TRANSMISSION ET LA RECEPTION D'APPELS TELEPHONIQUE CELLULAIRES

(71) FOVS S.R.L. [IT/IT]; Via Piave, 124, I-32040 Lozzo di Cadore (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DA PRA', Silvio [IT/IT]; Via Pinie', 16/A, I-32040 Vigo di Cadore (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 ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02F

(11) WO 02/086600 (13) A2

(21) PCT/DE02/01484

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 19 912.0 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOBILE DIGITAL MAGNIFIER "MOD-IMAG"

• DISPOSITIF PORTABLE ≤ MODIMAG ≥ - LOUPE NUMERIQUE MOBILE DESTINE A L'AGRANDISSEMENT ELECTRONIQUE DE DOCUMENTS D'IMAGES ET DE TEXTES

(71, 72) MATSCHULAT, Gunnar [DE/DE]; Augustastraße 84, 42119 Wuppertal (DE).

(81) GB US.

(51)⁷ G02F 1/00

(11) WO 02/086601 (13) A2

(21) PCT/US02/12335

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,237 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRO-OPTICAL WAVEGUIDE SWITCHING METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE COMMUTATION DE GUIDE D'ONDES ELECTRO-OPTIQUE

(63) US Not furnished / not communiqué (CIP)
Not furnished / not communiquée

(71) SOLID STATE PHOTONIX INC. [US/US]; 1987 Anvilwood Avenue, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVINE, Jules, D. [US/US]; 4504 Caryle Court, Apt. 611, Santa Clara, CA 95054 (US). ESSAIAN, Stepan [RU/US]; 517 Galen Drive, San Jose, CA 95123 (US).

(74) GROMADA, James, A. et al. / etc.; Katten Muchin Zavis Rosenman, Customer N°.

- 27160, 525 West Monroe Street, Suite 1600, Chicago, IL 60661-3693 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G02F 1/015
- (11) WO 02/086602 (13) A1
- (21) PCT/KR01/00632
- (22) 17 Apr/avr 2001 (17.04.2001)
- (25) ko (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MICRO-ACTUATOR AND MICRO-DEVICE USING THE SAME
- MICRO-ACTIONNEUR ET MICRO-DISPOSITIF L'UTILISANT
- (71) M2N, INC. [KR/KR]; 308, Korea University Alumni Hall, 29-26 Jongam 1-dong, Seongbuk-gu, Seoul 136-712 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Hong-Jin [KR/KR]; # 101-1012, Daechi Apt., Gaepo-dong, Gangnam-ku, Seoul 135-797 (KR).
- (74) JANG, Seong Ku; 17th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/03, 1/225
- (11) WO 02/086603 (13) A1
- (21) PCT/US02/11574
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 60/285,436 19 Apr/avr 2001 US (19.04.2001)
- (30) 09/946,710 4 Sep/sep 2001 US (04.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL MODULATOR WITH ASYMMETRICALLY CONFIGURED CAPACITORS
- MODULATEUR OPTIQUE A CONDENSATEURS DE CONFIGURATION ASYMETRIQUE
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) BETTS, Gary, E.; 173 Depot Road, Westford, MA 01886 (US).
- (74) TAKAHASHI, Mark, M.; Gray Cary Ware & Freidenrich LLP, 4365 Executive Drive, Suite 1100, San Diego, CA 92121-2133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G02F 1/03, 1/07
- (11) WO 02/086604 (13) A1
- (21) PCT/US02/12748
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 09/841,853 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANISOMETRICALLY SHAPED METAL PARTICLES, LIQUID SUSPENSIONS AND FILMS THEREOF AND LIGHT VALVES COMPRISING SAME
- PARTICULES METALLIQUES DE FORME ANISOMETRIQUE, SUSPENSIONS LIQUIDES, FILM A BASE DESDITES PARTICULES ET MODULATEURS DE LUMIERE COMPRENANT CES PARTICULES
- (71) RESEARCH FRONTIERS INCORPORATED [US/US]; 240 Crossways Park Drive, Woodbury, NY 11797 (US).
- (72) SAXE, Robert, L.; 19 East 80th Street, New York, NY 10021 (US).
- (74) FARLEY, Mark, A.; 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 G02F 1/035, 1/225
- (11) WO 02/086605 (13) A1
- (21) PCT/US02/11588
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 60/285,434 19 Apr/avr 2001 US (19.04.2001)
- (30) 10/086,171 28 Feb/fév 2002 US (28.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL MODULATOR WITH RIDGED WAVEGUIDES AND DIELECTRIC LAYERS
- MODULATEUR OPTIQUE A GUIDES D'ONDES A MOULURES ET A COUCHES DIELECTRIQUES
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) BETTS, Gary, E.; 173 Depot Road, Westford, MA 01886 (US).
- (74) TAKAHASHI, Mark; Gray Cary Ware & Freidenrich, LLP, 4365 Executive Drive, Suite 1100, San Diego, CA 92121-2133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G02F 1/09, G02B 5/30
- (11) WO 02/086606 (13) A1
- (21) PCT/US02/09801
- (22) 28 Mar/mar 2002 (28.03.2002)
- (25) en (26) en
- (30) 09/840,712 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PHOTONIC CRYSTAL OPTICAL ISOLATOR
- PHOTOCOUPLEUR A CRISTAL PHOTONIQUE
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) TROTTER, Donald, M., Jr.; 749 Millard Hill Road, Newfield, NY 14867 (US).
- (74) SCHAEBERLE, Timothy, M.; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ 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 G02F 1/133, 1/137
- (11) WO 02/086607 (13) A1
- (21) PCT/IP02/03923

- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-123171 20 Apr/avr 2001 JP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRIC DIMMING DEVICE AND ITS DRIVING METHOD
- DISPOSITIF ELECTRIQUE DE GRADATION DE LUMIERE ET SON PROCEDE D'ENTRAINEMENT
- (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) KAWABATA, Masaru [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). UDAKA, Toru [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YANAGIDA, Toshiharu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKAOKA, Toshifumi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TANAKA, Kazuhiro [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).
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- (51)⁷ G02F 1/133, G09G 3/36
- (11) WO 02/086608 (13) A1
- (21) PCT/RU01/00492
- (22) 19 Nov/nov 2001 (19.11.2001)
- (25) ru (26) ru
- (30) 2001110750 24 Apr/avr 2001 RU (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PASSIVE-MATRIX LIQUID CRYSTAL SCREEN AND METHOD FOR CONTROLLING SAID SCREEN
- ECRAN MATRICIEL PASSIF A CRISTAUX LIQUIDES ET PROCEDE POUR COMMANDER CET ECRAN
- (71, 72) BREZHNEV, Vladimir Alexeevich [RU/RU]; ul. Tarkhova, 17a-44, Saratov, 410090 (RU). EZHOV, Vasily Alexandrovich [RU/RU]; Novye Cheremushki, 32a-4-80, Moscow, 113461 (RU). SIMONENKO, Georgy Valentinovich [RU/RU]; ul. Lermontova, 77a-10, Saratov, 410030 (RU). STUDENTSOV, Sergei Alexandrovich [RU/RU]; ul. Astrakhanskaya, 57/73-26, Saratov, 410078 (RU).
- (74) TKACHENKO, Valeria Sergeevna; OOO "Sojuzpatent", ul. Iliinka, 5/2, Moscow, 103735 (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 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 ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G02F 1/1347, G02B 27/22, G02F 1/1335
- (11) WO 02/086610 (13) A1
- (21) PCT/NZ02/00073
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 511255 20 Apr/avr 2001 NZ (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL RETARDER
- RETARDATEUR OPTIQUE
- (71) DEEP VIDEO IMAGING LIMITED [NZ/NZ]; Airport Road, Mystery Creek, RD 2, Hamilton (NZ).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BELL, Gareth, Paul [NZ/NZ]; 8A Ashley Street, St Andrews, Hamilton (NZ).
- (74) WILSON, Kathryn, S. et al. / etc.; James & Wells, Level 12, KPMG Centre, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/15
- (11) WO 02/086611 (13) A1
- (21) PCT/US02/12301
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,912 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTROCHROMIC-NANOPARTICLE DISPLAYS
- EFFICHAGES A NANOPARTICULES ELECTROCHIMQUES
- (71) E INK CORPORATION [US/US]; 733 Concord Avenue, Cambridge, MA 02138-1002 (US).
- (72) MORRISON, Ian, D.; 18 Prescott Avenue, Acton, MA 01720 (US). JACOBSON, Joseph, M.; 223 Grant Avenue, Newton Centre, MA 02159 (US).
- (74) COLE, David, John; E INK Corporation, 733 Concord Avenue, Cambridge, MA 02138-1002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G02F 1/167, G09F 9/37
- (11) WO 02/086612 (13) A1
- (21) PCT/IB02/01315
- (22) 11 Apr/avr 2002 (11.04.2002)

- (25) en (26) en
 (30) 01201495.7 **25 Apr/avr 2001** EP
 (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTROPHORETIC COLOR DISPLAY DEVICE
 • DISPOSITIF D'AFFICHAGE COULEUR ELECTROPHORETIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) JOHNSON, Mark, T.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE BOER, Dirk, K., G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) RAAP, Adriaan, Y.; 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 G02F 1/167
 (11) WO 02/086613 (13) A2
 (21) PCT/US02/12594
 (22) 22 Apr/avr 2002 (22.04.2002)
 (25) en (26) en
 (30) 09/840,756 **23 Apr/avr 2001** US
 (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MICROCUP COMPOSITIONS HAVING IMPROVED FLEXURE RESISTANCE AND RELEASE PROPERTIES
 • COMPOSITIONS DE MICRO-CELLULE POSSEDANT UNE RESISTANCE A LA FLEXION ET DES PROPRIETES DE DECOLLEMENT AMELIOREES
- (71) SiPix IMAGING, INC. [US/US]; 1075 Montague Expressway, Milpitas, CA 95035 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEN, Xianhai [CN/US]; 3614 Tumble Way, San Jose, CA 95132 (US). CHAN-PARK, Mary [SG/SG]; B1K14, #05-101 Joo Seng Road, Singapore 360014 (SG). WANG, Xiaojia [US/US]; 4419 Macbeth Circle, Fremont, CA 94555 (US). LIANG, Rong-Chang [US/US]; 20142 Pacifica Drive, Cupertino, CA 95014 (US).
- (74) CHOW, Ping, Y. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/313, 1/01, 1/025, 1/035, 1/065
 (11) WO 02/086614 (13) A1
 (21) PCT/JP02/03768
 (22) 16 Apr/avr 2002 (16.04.2002)
 (25) ja (26) ja
 (30) 2001-119892 **18 Apr/avr 2001** JP
 (18.04.2001)
 (30) 2001-270831 **6 Sep/sep 2001** JP
 (06.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL DEVICE
 • DISPOSITIF OPTIQUE
- (71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (72) MITOMI, Osamu; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). ICHIGI, Takenori; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). OSHIMA, Masatsugu; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). OKUMURA, Jun; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). AOKI, Kenji; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). YAMASHITA, Masataka; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) SUGIMURA, Kosaku et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G02F 1/313
 (11) WO 02/086615 (13) A1
 (21) PCT/US02/13064
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 09/844,170 **25 Apr/avr 2001** US
 (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR SWITCHING OPTICAL SIGNALS WITH A PHOTON BAND GAP DEVICE
 • PROCEDE ET SYSTEME PERMETTANT DE COMMUTER DES SIGNAUX OPTIQUES AU MOYEN D'UN DISPOSITIF A LARGEUR DE BANDE INTERDITE PHOTONIQUE
- (71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421 (US).
- (72) KLOCEK, Paul; 16909 Old Pond Drive, Dallas, TX 75248 (US). FLORENCE, James, M.; 4803 Stony Ford Drive, Dallas, TX 75287 (US).
- (74) SCHUBERT, William, C. et al. / etc.; Corporate Counsel-Patent Law, Raytheon Company, 2000 East El Segundo Boulevard, PO BOX 902, El Segundo, CA 90245-0902 (US).
- (81) CN 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 G02F 2/02, H01S 3/10
 (11) WO 02/086616 (13) A1
 (21) PCT/JP02/03274
 (22) 1 Apr/avr 2002 (01.04.2002)
 (25) ja (26) ja
 (30) 2001-120758 **19 Apr/avr 2001** JP
 (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL FUNCTION ELEMENT AND OPTICAL FUNCTION DEVICE
 • ELEMENT FONCTIONNEL OPTIQUE ET DISPOSITIF OPTIONNEL OPTIQUE
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). CHUNICHI DENSHI CO., LTD. [JP/JP]; 1, Denjiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MAEDA, Yoshinobu [JP/JP]; 2220, Kawarada-cho, Yokkaichi-shi, Mie 510-0874 (JP).
- (72, 75) ICHIKAWA, Takahiro [JP/JP]; c/o Chunichi Denshi CO., LTD., 1, Denjiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-8525 (JP).
- (74) IKEDA, Haruyuki; Ikeda Patent Office, Nagoya Dia-bldg.No.2 15-1, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G03B
 (11) WO 02/086617 (13) A2
 (21) PCT/US02/12225
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 60/286,006 **25 Apr/avr 2001** US
 (25.04.2001)
 (30) 60/296,146 **7 Jun/juin 2001** US
 (07.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LIGHT RECOVERY FOR PROJECTION DISPLAYS
 • RECUPERATION DE LUMIERE POUR ECRANS DE PROJECTION
- (71) WAVIEN, INC. [US/US]; 26145 Technology Drive, Santa Clarita, CA 91355-1137 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Kenneth, K.** [US/US]; 217 Laurel Avenue, Arcadia, CA 91006 (US).

(74) **REPPER, George, R. et al.** / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 21/60

(11) WO 02/086618 (13) A1

(21) PCT/US02/03747

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/841,021 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTEGRATED FRONT PROJECTION SYSTEM WITH DRY ERASE SCREEN
• SYSTEME DE PROJECTION FRONTALE INTEGRE AVEC ECRAN S'EFFAÇANT A SEC

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **VANDERWERF, Dennis, F.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **DELUCA, Patricia, H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RODRIGUEZ, Ernesto, M., Jr.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **FLORCZAK, Yen, Tong et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 42/04, A61B 6/14

(11) WO 02/086619 (13) A1

(21) PCT/EP02/04430

(22) 23 Apr/avr 2002 (23.04.2002)

(25) de (26) de

(30) 101 20 202.4 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TOMOGRAPHIC DEVICE FOR DENTAL TOMOSYNTHESIS

• TOMOGRAPHIE POUR TOMOSYNTHESE DENTAIRE

(71) **CDI - CENTRUM FÜR DENTALE INNOVATIONEN GMBH** [DE/DE]; Fabrikstrasse 37, 64625 Bensheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANETZKI, Manfred** [DE/DE]; Nussallee 9, 64625 Bensheim (DE).

(74) **ZINNGREBE, Horst**; Saalbaustrasse 11, 64283 Darmstadt (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 G03F 1/00

(11) WO 02/086620 (13) A2

(21) PCT/US02/12540

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,780 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ION-BEAM DEPOSITION PROCESS FOR MANUFACTURING ATTENUATED PHASE SHIFT PHOTOMASK BLANKS

• PROCESSUS DE DEPOT PAR FAISCEAU D'ION DESTINE A LA FABRICATION DE PLAQUES POUR PHOTOMASQUES A DECALAGE DE PHASE ATTENUUE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CARCIA, Peter, Francis** [US/US]; 3413 Sweetbriar Road, Wilmington, DE 19810 (US).

(74) **SIEGELL, Barbara, C.**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G03F 1/00

(11) WO 02/086621 (13) A2

(21) PCT/US02/12543

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,779 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ION-BEAM DEPOSITION PROCESS FOR MANUFACTURING MULTILAYERED ATTENUATED PHASE SHIFT PHOTOMASK BLANKS

• PROCEDE DE DEPOT PAR FAISCEAU D'IONS POUR LA PRODUCTION D'EBAUCHES DE MASQUES DE PHOTOGRAVURE MULTICOUCHEES ATTENUES A DEPHASAGE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARCIA, Peter, Francis** [US/US]; 3413 Sweetbriar Road, Wilmington, DE 19810 (US). **DIEU, Laurent** [FR/US]; 7011 West Parmer Lane #1026, Austin, TX 78729 (US).

(74) **SIEGELL, Barbara, C.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
(t) for all designations / pour toutes les
désignations

(51)⁷ G03F 1/08, C03C 17/34

(11) WO 02/086622 (13) A2

(21) PCT/US02/12542

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,831 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ION-BEAM DEPOSITION PROCESS
FOR MANUFACTURING BINARY
PHOTOMASK BLANKS

• PROCEDE DE DEPOSITION PAR FAIS-
CEAUX IONIQUES EN VUE DE LA FA-
BRICATION DE PLAQUES SUPPORTS
PHOTOMASQUES BINAIRES

(71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) CARCIA, Peter, Francis [US/US];
3413 Sweetbriar Road, Wilmington, DE
19810 (US). DIEU, Laurent [FR/US]; 7011
West Parmer Lane, #1026, Austin, TX 78729
(US).

(74) SIEGELL, Barbara, C.; E.I. Du Pont
De Nemours And Company, Legal Patent
Records Center, 4417 Lancaster Pike, Wilm-
ington, 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).

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)

(t) for all designations / pour toutes les
désignations

(51)⁷ G03F 7/00, 7/075

(11) WO 02/086623 (13) A1

(21) PCT/GB02/01816

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109809.4 20 Apr/avr 2001 GB
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL RECORDING MATERIALS

• MATERIAUX D'ENREGISTREMENT
OPTIQUE

(71) DURAND TECHNOLOGY LIMITED
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les États désignés sauf US)

(72, 75) CLABBURN, Robin, James, Thomas
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(74) HOWDEN, Christopher, Andrew; For-
rester 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).

Published / Publiée : (c)

(51)⁷ G03F 7/11, H01L 21/027, C09D 201/02,
5/00, 179/04, H01L 21/302

(11) WO 02/086624 (13) A1

(21) PCT/JP02/03576

(22) 10 Apr/avr 2002 (10.04.2002)

(25) ja (26) ja

(30) 2001-111230 10 Apr/avr 2001 JP
(10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION FOR FORMING AN-
TIREFLECTION FILM FOR LITHOG-
RAPHY

• COMPOSITION SERVANT A FORMER
UN FILM ANTIREFLET POUR PRO-
CEDE LITHOGRAPHIQUE

(71) NISSAN CHEMICAL INDUSTRIES,
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939-2753 (JP).

(74) HANABUSA, Tsuneo et al. / etc.;
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Shin-Ochanomizu Urban Trinity Bldg.,
2, Kandasurugadai 3-chome, Chiyoda-ku,
Tokyo 101-0062 (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 G03F 7/40, B29C 71/02

(11) WO 02/086625 (13) A1

(21) PCT/AU02/00497

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR4516 20 Apr/avr 2001 AU
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR THE
HARDENING OF PHOTOPOLYMER
PLATES

• PROCEDE ET APPAREIL POUR LE
DURCISSEMENT DE PLAQUES PHO-
TOPOLYMERES

(71) FAWCETT, Alan, John [AU/AU]; Lot 137,
Cairns Road, Glenorie, NSW 2157 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WRIGHT, Glen, Lawrence [AU/AU]; 3
Calabash Road, Arcadia, NSW 2159 (AU).

(74) SPRUSON & FERGUSON; G.P. Box 3898,
Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 7/40

(11) WO 02/086626 (13) A1

(21) PCT/US02/12536

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,544 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESS FOR PREPARING A PRINTING PLATE

• PROCESSUS DE PREPARATION DE PLAQUE D'IMPRESSION

(71) HOLOTEK, LLC [US/US]; 205 Summit Point Drive, Henrietta, NY 14467 (US).
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(72, 75) KRAMER, Charles, J. [US/US]; 718 Mariner Circle, Webster, NY 14580 (US).

(74) GREENWALD, Howard, J. et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 : (b)

(51)⁷ G03F 9/00, G03C 5/00, G06F 17/50

(11) WO 02/086627 (13) A1

(21) PCT/US01/22104

(22) 13 Jul/juil 2001 (13.07.2001)

(25) en (26) en

(30) 09/837,889 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRIORITIZING THE APPLICATION OF RESOLUTION ENHANCEMENT TECHNIQUES

• ETABLISSEMENT DE PRIORITES LORS DE L'APPLICATION DE TECHNIQUES D'AMELIORATION DE LA RESOLUTION

(71) MENTOR GRAPHICS CORP. [US/US]; 8005 SW Boeckman Drive, Wilsonville, OR 97070-7777 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LACOUR, Patrick, Joseph [US/US]; 2112 Fleming Drive, McKinney, TX 75070 (US).

(74) SCHEINBERG, Michael, O.; Patent Attorney, P.O. Box 164140, Austin, TX 78716-4140 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G03G

(11) WO 02/086628 (13) A2

(21) PCT/US02/10986

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/838,353 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TONER SUPPLY WITH LEVEL SENSOR AND METER

• ALIMENTATION EN TONER DOTEE D'UN CAPTEUR DE NIVEAU ET D'UN ORGANE DE DOSAGE

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) CAMPBELL, Alan, Stirling; 3268 Ridgecane Road, Lexington, KY 40513 (US).
GAYNE, Jarrett, Clark; 3845 Belleau Wood Drive, Apt. 8, Lexington, KY 40517 (US).
SMITH, William, Dale; 1117 Yuma Trail, Georgetown, KY 40324 (US).

(74) MITCHELL, Cynthia, S.; Lexmark International, Inc., 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 G05B

(11) WO 02/086629 (13) A2

(21) PCT/IE02/00055

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 2001/0411 25 Apr/avr 2001 IE
(25.04.2001)(30) 60/285,994 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A PRODUCTION CONTROL TRACEABILITY SYSTEM AND METHOD

• PROCEDE ET SYSTEME DE TRAÇABILITE DE CONTROLE D'UNE PRODUCTION

(71) FASTNET SOFTWARE LIMITED [IE/IE]; Cork Business & Technology Park, Model Farm Road, Cork (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEASY, Donal [IE/IE]; 1 Carrigdena, Ballincollig, Cork (IE).
O'MAHONY, Eamonn [IE/IE]; 15 Oakdene, Skehard Road, Blackrock, Cork (IE).
THOMPSON, John [GB/IE]; 20 Ashford Court, Grange, Douglas, Cork (IE).

(74) O'BRIEN, John, A. et al. / etc.; c/o John A. O'Brien & Associates, Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 13/00

(11) WO 02/086630 (13) A1

(21) PCT/JP02/03895

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-123344 20 Apr/avr 2001 JP
(20.04.2001)(30) 2001-125648 24 Apr/avr 2001 JP
(24.04.2001)(30) 2001-146144 16 May/mai 2001 JP
(16.05.2001)(30) 2001-179926 14 Jun/juin 2001 JP
(14.06.2001)(30) 2001-184540 19 Jun/juin 2001 JP
(19.06.2001)(30) 2001-343998 9 Nov/nov 2001 JP
(09.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLANT CONTROL APPARATUS

• APPAREIL DE COMMANDE D'EQUIPEMENT

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YASUI, Yuji [JP/JP]; c/o Kabushiki Kaisha Honda Gijutu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP).
IWAKI, Yoshihisa [JP/JP]; c/o Kabushiki Kaisha Honda Gijutu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP).
TAKAHASHI, Jun [JP/JP]; c/o Kabushiki Kaisha Honda Gijutu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP).

(74) ARAI, Koji; 33-8, Higashiuceno 3-chome, Taito-ku, Tokyo 110-0015 (JP).

(81) BR CA 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 G05B 13/02

(11) WO 02/086631 (13) A1

(21) PCT/JP02/03785

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-118680 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTROL METHOD AND CONTROL APPARATUS

• PROCEDE ET APPAREIL DE COMMANDE

(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) KASAI, Shigeru [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). KONDO, Shuji [JP/JP]; c/o Tokyo Electron Limited, Technology Development Center, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (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) KR US.

(51)⁷ G05B 13/02, G05D 7/06, G01F 25/00

(11) WO 02/086632 (13) A2

(21) PCT/US02/13010

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/285,801 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR A MASS FLOW CONTROLLER

• SYSTEME ET PROCEDE DESTINES A UN CONTROLEUR A DEBIT MASSIQUE

(71) UNIT INSTRUMENTS, INC. [US/US]; 22600 Savi Ranch Parkway, Yorba Linda, CA 92887 (US).

(72) LULL, John, M.; 417 S. Guilford, Claremont, CA 91711-0667 (US). WANG, Chiun; 12266 Rose Street, Cerritos, CA 90703 (US). VALENTINE, William, S.; 15402 Lorraine Way, Irvine, CA 92604 (US). SAGGIO, Joseph, A., Jr.; 1050 South Sundance, Anaheim Hills, CA 92808 (US).

(74) SKRIVANEK, Robert, A., Jr.; 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 G05B 19/00

(11) WO 02/086633 (13) A2

(21) PCT/DE02/01310

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 791.8 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MICROPROCESSOR-CONTROLLED FIELD DEVICE FOR CONNECTING TO A FIELD BUS SYSTEM

• APPAREIL DE TERRAIN COMMANDE PAR MICROPROCESSEUR, DESTINE A ETRE RACCORDE A UN SYSTEME DE BUS DE TERRAIN

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) BARTHEL, Herbert [DE/DE]; Am Hasengarten 6a, 91074 Herzogenaurach (DE). STRIPF, Wolfgang [DE/DE]; Friedrich-Naumann-Strasse 101, 76187 Karlsruhe (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 G05B 19/042, G06F 12/06

(11) WO 02/086634 (13) A2

(21) PCT/DE02/01456

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 622.9 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPERATING A MODULAR CONTROL SYSTEM AND CONTROL SYSTEM WORKING ACCORDING TO SAID METHOD

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE COMMANDE MODULAIRE ET SYSTEME DE COMMANDE FONCTIONNANT SELON CE PROCEDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUMER, Albert [DE/DE]; Kösterlerstr. 2, 92260 Ammerthal (DE). DOMAGOJ, Ilie

[HR/DE]; Hockermühlstr. 11, 92224 Amberg (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).

(51)⁷ G05B 19/042

(11) WO 02/086635 (13) A2

(21) PCT/DE02/01457

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 654.7 20 Apr/avr 2001 DE
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPERATING A MODULAR CONTROL SYSTEM AND CONTROL SYSTEM WORKING ACCORDING TO SAID METHOD

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE COMMANDE MODULAIRE ET SYSTEME DE COMMANDE FONCTIONNANT SELON CE PROCEDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUMER, Albert [DE/DE]; Köstlerstr. 2, 92260 Ammerthal (DE). ILIC, Domagoj [HR/DE]; Hockermühlstr. 11, 92224 Amberg (DE). KAMMLER, Heiko [DE/DE]; Barbarastr. 5, 92284 Poppenricht (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).

(51)⁷ G05B 19/18

(11) WO 02/086636 (13) A2

(21) PCT/DE02/01286

(22) 9 Apr/avr 2002 (09.04.2002)

(25) de (26) de

(30) 101 19 082.4 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MACHINE CONTROL PROGRAM SYSTEM AND METHOD FOR CONTROLLING A MACHINE TOOL

• SYSTEME DE PROGRAMME DE COMMANDE DE MACHINE ET PROCEDE DE COMMANDE D'UNE MACHINE-OUTIL

(71) WITZIG & FRANK GMBH [DE/DE]; Am Holderstock 2, 77652 Offenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUMBUSCH, Frank [DE/DE]; Höfeldstr. 30, 69412 Eberbach (DE). BAUER, Walter [DE/DE]; Wacholderweg 5, 75397 Simmozheim (DE).

(74) RÜGER, BARTHELT & ABEL; Webergasse 3, 73728 Esslingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/414, B25J 9/04

(11) WO 02/086637 (13) A1

(21) PCT/CH02/00216

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 731/01 22 Apr/avr 2001 CH (22.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BUCKLING ARM ROBOT
• ROBOT A BRAS ARTICULE

(71) NEURONICS AG [CH/CH]; Technoparkstrasse 1, CH-8005 Zürich (CH).

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(72, 75) FRUEH, Hansruedi [CH/CH]; Untermosstrasse 24, CH-8355 Aadorf (CH). BRETSCHER, Thomas [CH/CH]; Bütziackerstrasse 52, CH-8406 Winterthur (CH). GFELLER, Christian [CH/CH]; Wagnergasse 11, CH-8008 Zürich (CH).

(74) DILTEC AG; Technoparkstrasse 1, CH-8005 Zürich (CH).

(81) AE AU BG BR CA CN CZ EE GE HR HU IL IN JP KR LT LV MX NO NZ PL RO RU SG SI SK UA US 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 G05B 19/418

(11) WO 02/086638 (13) A2

(21) PCT/EP02/01319

(22) 8 Feb/fév 2002 (08.02.2002)

(25) de (26) de

(30) 101 20 943.6 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR OPTIMISING THE DESIGN OF MOTOR DRIVE SECTIONS
• PROCEDE PERMETTANT D'OPTIMALISER LA CONCEPTION DE SECTIONS DE COMMANDE A MOTEUR

(71) WITTENSTEIN AG [DE/DE]; Walter-Wittenstein-Strasse 1, 97997 Igersheim (DE).

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(72, 75) BAYER, Thomas [DE/DE]; 5, Holzäcker, 97999 Igersheim (DE). WITTENSTEIN, Manfred [DE/DE]; Erlenbachweg 30, 97980 Bad Mergentheim (DE).

(74) WEISS, Peter; 4, Zeppelinstrasse, 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).

(51)⁷ G05B 23/02

(11) WO 02/086639 (13) A1

(21) PCT/EP02/04234

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 637.7 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SWITCHGEAR CABINET MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE D'ARMOIRE DE COMMANDE

(71) RITTAL GMBH & CO. KG [DE/DE]; Auf dem Stützelberg, 35745 Herborn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KREILING, Jörg [DE/DE]; Grabenstrasse 9, 35444 Biebertal (DE). LAURÖSCH, Sven [DE/DE]; Am Rossbacher, 35708 Haiger (DE).

(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen/Enz (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 G05B 23/02, 13/04, 17/02

(11) WO 02/086640 (13) A1

(21) PCT/GB02/01782

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109643.7 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR MONITORING AND CONTROL
• SYSTEME ET PROCEDE DE SURVEILLANCE ET DE COMMANDE

(71) ISIS INNOVATION LIMITED [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7SG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DADD, Michael, William [GB/GB]; Dept. of Engineering Science, University of Oxford, Parks Road, Oxford OX1 3PJ (GB).

(74) NICHOLLS, Michael, John et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G05B 23/02, G01K 1/02, H04B 7/24, H04Q 9/00

(11) WO 02/086641 (13) A1

(21) PCT/JP02/00538

(22) 24 Jan/jan 2002 (24.01.2002)

(25) ja (26) ja

(30) 2001-118457 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TEMPERATURE MONITORING DEVICE
• DISPOSITIF DE SURVEILLANCE DE TEMPERATURE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 2-5-5, Keihanondori, Moriguchi-shi, Osaka 570-8677 (JP).

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(72, 75) KAWAI, Sigeakazu [JP/JP]; 316-208, Kouzenji, Oura-machi, Oura-gun, Gunma 370-0616 (JP). ISHIKURA, Tsutomu [JP/JP]; 2437-2, Takabayashihigashi-cho, Oota-shi, Gunma 373-0825 (JP).

(74) HIRATA, Tadao; Hirata & Partners, Park Side House, 2, Ichiban-cho, Chiyoda-ku, Tokyo 102-0082 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05D 1/00

(11) WO 02/086642 (13) A1

(21) PCT/KR02/00676

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ko (26) en

(30) 2001/19813 13 Apr/avr 2001 KR (13.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DETERMINING 3-DIMENSIONAL ATTITUDE OF OBJECT USING SATELLITE VEHICLE AND DECREASE OF INTEGER AMBIGUITY TO BE SEARCHED

• PROCEDE POUR DETERMINER UNE ATTITUDE TRIDIMENSIONNELLE D'UN OBJET AU MOYEN D'UN VEHICULE SATELLITE ET POUR REDUIRE L'AMBIGUITE D'UN ENTIER RECHERCHEE

(71) NAVICOM CO., LTD. [KR/KR]; Dongwon Bldg., 143-28 Samsung2-dong, Kangnam-gu, Seoul 135-877 (KR).

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(72, 75) LEE, Sangjeong [KR/KR]; 112-706 Kangbyon Apt., 1-2 Mannyoon-dong, Seo-gu, Daejeon 302-741 (KR). PARK, Chansik [KR/KR]; 101-502 Kuyoung Apt., Yongam-dong, Sangdang-gu, Cheongju-si, Chungcheongbuk-do 360-770 (KR). SON, Seokbo [KR/KR]; 408-904 Youlmae-maul, 858, Jijok-dong, Yuseong-gu, Daejeon 305-330 (KR). KIM, Youngbaek [KR/KR]; 814-404 Gubongmaul, 1148, Gwanjeon-dong, Seo-gu, Daejeon 302-243 (KR).

(74) LEE, Chulhee et al. / etc.; 3F, Doosan Bldg, 105-7 Nonhyun-dong, Gangnam-gu, Seoul 135-714 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05D 1/03, G01S 17/58

(11) WO 02/086643 (13) A1

(21) PCT/EP02/03781

(22) 5 Apr/avr 2002 (05.04.2002)

(25) de (26) de

(30) 101 20 008.0 23 Apr/avr 2001 DE (23.04.2001)

(30) 101 35 108.9 19 Jul/juil 2001 DE (19.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR OPTICAL LANE RECOGNITION

• DISPOSITIF ET PROCEDE DE RECONNAISSANCE OPTIQUE DE VOIE DE CIRCULATION

(71) AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH [DE/DE]; Kemptener Str. 99, 88131 Lindau/Bodensee (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMANN, Norbert [AT/AT]; Beethovenstrasse 20a, A-6845 Hohenems (AT).

(74) MADER, Wilfried; Daimler Chrysler AG, Theresienstr. 2, 74072 Heilbronn (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 G05D 7/06, A01G 25/16

(11) WO 02/086644 (13) A1

(21) PCT/US01/12784

(22) 18 Apr/avr 2001 (18.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC IRRIGATION FREQUENCY ADJUSTMENT FOR DEEP WATERING

• AJUSTEMENT DE FREQUENCE D'IRRIGATION AUTOMATIQUE POUR ARROSAGE EN PROFONDEUR

(71) AQUA CONSERVATION SYSTEMS, INC. [US/US]; 2900 Adams, Suite A25, Riverside, CA 92504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADDINK, John [US/US]; Aqua Conservation Systems, Inc., 2900 Adams, Suite A25, Riverside, CA 92504 (US). BUHLER, Kirk [US/US]; Aqua Conservation Systems, Inc., 2900 Adams, Suite A25, Riverside, CA 92504 (US). GIVARGIS, Tony [US/US]; Aqua Conservation Systems, INC., 2900 Adams, Suite A25, Riverside, CA 92504 (US).

(74) FISH, Robert; Fish & Associates, LLP, 1440 N. Harbor Boulevard, Suite 706, Fullerton, CA 92835 (US).

(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 : (a)

(51)⁷ G05D 7/06

(11) WO 02/086645 (13) A1

(21) PCT/US02/12051

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/283,596 13 Apr/avr 2001 US (13.04.2001)

(30) 10/081,174 21 Feb/fév 2002 US (21.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MASS FLOW METER SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE DEBITMETRE MASSIQUE

(71) FLOWMATRIX, INC. [US/US]; 2461 Impala Drive, Carlsbad, CA 92008 (US).

(72) THORDARSON, Petur; 2461 Impala Drive, Carlsbad, CA 92008 (US). LOWERY, Patrick A.; 2461 Impala Drive, Carlsbad, CA 92008 (US). LARAGIONE, Robert; 3 Canterbury Place, Gordonville, PA 17529 (US).

(74) GRAY III, Gordon, E.; Price and Gess, 2100 S.E. Main Street, Suite 250, 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 G05D 23/19

(11) WO 02/086646 (13) A1

(21) PCT/EP02/02322

(22) 4 Mar/mar 2002 (04.03.2002)

(25) de (26) de

(30) 101 10 185.6 2 Mar/mar 2001 DE (02.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HEATABLE DILATION ELEMENT

• ELEMENT EXPANSIBLE CHAUFFABLE

(71) FRITZ EICHENAUER GMBH & CO. KG [DE/DE]; Georg-Todt-Strasse, 76870 Kandel (DE). BEHR THERMOT-TRONIK GMBH [DE/DE]; Enzstrasse 25-33, 70806 Kornwestheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STARCK, Roland [DE/DE]; Im Vogelgesang 29, 76756 Bellheim (DE). FRUNZETTI, Barbu, Scarlat [DE/DE]; Albstrasse 35, 70806 Kornwestheim (DE). RICHTER, Wolfgang [DE/DE]; Königsberger Strasse 9, 70806 Kornwestheim (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 :

(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 G05F 1/00

(11) WO 02/086647 (13) A2

(21) PCT/EP02/03358

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 19 664.4 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARRANGEMENT FOR AUTOMATICALLY INFLUENCING A MAINS SUPPLY AND MOTOR DRIVE FOR SAID ARRANGEMENT

- DISPOSITIF PERMETTANT D'INFLUER AUTOMATIQUEMENT SUR UN RESEAU D'ALIMENTATION ELECTRIQUE ET COMMANDE A MOTEUR CORRESPONDANTE
- (71) MASCHINENFABRIK REINHAUSEN GMBH [DE/DE]; Falkensteinstrasse 8, 93059 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOHNAL, Dieter [DE/DE]; Stefan-Zweig-Strasse 1, 93138 Lappersdorf (DE). ERMISCH, Jochen [DE/DE]; Jägerhofstrasse 96, 01445 Radebeul (DE). VIERECK, Karsten [DE/DE]; Haslerzellweg 7, 93128 Diesenbach (DE).
- (74) MASCHINENFABRIK REINHAUSEN GMBH; Patentbüro, Falkensteinstrasse 8, 93059 Regensburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G05F 1/00
- (11) WO 02/086648 (13) A1
- (21) PCT/US02/07227
- (22) 11 Mar/mar 2002 (11.03.2002)
- (25) en (26) en
- (30) 09/912,411 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SERIES CONNECTED VOLTAGE REGULATORS
• REGULATEURS DE TENSION CONNECTES EN SERIE
- (71) ERICSSON INC [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROGERS, Terrence, Edward [US/US]; 5205 Silkwood Drive, Durham, NC 27713 (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 G05F 1/67, H02M 5/45
- (11) WO 02/086649 (13) A1
- (21) PCT/IB02/01136
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 2001/3227 20 Apr/avr 2001 ZA (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REGULATOR DEVICE
• DISPOSITIF DE REGULATION
- (71, 72) LUND, Erik, Kai [NA/ZA]; 25 Rose-trevor, Arundle Road, 7700 Rosebank (ZA).
- (74) GERNTHOLTZ, Richard, Otto, Paul; Dr Gerntholtz Inc, P.O. Box 8, 8000 Cape Town (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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- (51)⁷ G06F
- (11) WO 02/086650 (13) A2
- (21) PCT/IB02/01368
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 0110174.0 25 Apr/avr 2001 GB (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A TRANSACTION FACILITATION SYSTEM
• SYSTEME FACILITANT LES TRANSACTIONS
- (71, 72) WINTERSTEIN, Brian, Alexander [ZA/ZA]; 18 Stuart Avenue, 2057 Morningside Manor, Gauteng Province (ZA). WINTERSTEIN, Darren, Shimon [ZA/ZA]; Unit 12 La Piazza, Whelan Close, 7700 Edenburgh, Western Cape Province (ZA). WINTERSTEIN, Shannon, Clyde [ZA/ZA]; No. 8, 7th Street, 2120 Parkhurst, Gauteng Province (ZA). WINTERSTEIN, Dale, Leslie [ZA/ZA]; 18 Stuart Avenue, 2057 Morningside Manor, Gauteng Province (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);
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086651 (13) A2
- (21) PCT/IB02/01389
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 01201467.6 23 Apr/avr 2001 EP (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF CONTROLLING AN APPARATUS
• PROCEDE DE COMMANDE D'UN APPAREIL
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) EGGEN, Josephus, H.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN HOVEN, Elise, A., W., H.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN LOE-NEN, Evert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DIJK, Esko, O.; 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).
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- (51)⁷ G06F
- (11) WO 02/086652 (13) A1
- (21) PCT/JP02/03930
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-121308 19 Apr/avr 2001 JP (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROCESSOR
• PROCESSEUR
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (72, 75) OZAKI, Koji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
-
- (51)⁷ G06F
- (11) WO 02/086653 (13) A2
- (21) PCT/US01/48641
- (22) 17 Dec/déc 2001 (17.12.2001)

(25) en (26) en
 (30) 09/838,168 19 Apr/avr 2001 US
 (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD, APPARATUS, AND PROGRAM FOR PROVIDING HYBRID DISK MIRRORING AND STRIPING

- PROCEDE, APPAREIL ET PROGRAMME DE MIROITAGE ET DE SEGMENTATION DE DISQUE HYBRIDE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Marian Underweiser, Intellectual Property Law Dept., T.J. Watson Research Center, P.O. Box 218, Yorktown Heights, NY 10598 (US).

(72) JONES, Jeffrey; 1844 Red Rock Drive, Round Rock, TX 78664 (US). ROTHERT, Douglas; 11901 Hobby Horse Court, #1815, Austin, TX 78758 (US).

(74) YEE, Duke; 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 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

(11) WO 02/086654 (13) A2

(21) PCT/US02/10688

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/840,542 23 Apr/avr 2001 US
 (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTOCOL MONITOR

- MONITEUR DE PROTOCOLE

(71) ACTERNA, L.L.C. [US/US]; 20400 Observation Drive, Germantown, MD 20876-4023 (US).

(72) KRIESKI, William, George; 6609 Coach Light Circle, Raleigh, NC 27613 (US). THAKKAR, Bina, Kunal; 102 Deanscroft Court, Cary, NC 27511 (US).

(74) CHIANTERA, Dominic, J.; 2200 West Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F

(11) WO 02/086655 (13) A2

(21) PCT/US02/10767

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 60/281,390 3 Apr/avr 2001 US
 (03.04.2001)

(30) 60/336,907 7 Nov/nov 2001 US
 (07.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PERMISSION BASED MARKETING FOR USE WITH MEDICAL PRESCRIPTIONS

- SYSTEME DE MARKETING BASE SUR L'AUTORISATION DESTINE A ETRE UTILISE AVEC DES ORDONNANCES MEDICALES

(71) RX-CONNECT, INC. [US/US]; 3515 Harbor Blvd., Mail Stop LC07138, Costa Mesa, CA 92626 (US).

(72) JAY, Richard; 46 Mancera, Rancho Santa Margarita, CA 92688 (US). GRANT, David; 22391 Rosebriar, Mission Viejo, CA 92692 (US).

(74) DELANEY, Karoline, A.; Knobbe, Martnes, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth 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 (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086656 (13) A2

(21) PCT/US02/11017

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/838,970 20 Apr/avr 2001 US
 (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR MANAGING WELDING CONSUMABLES

- GESTION DE CONSOMMABLES DE SOUDAGE ET SYSTEME A CET EFFET

(71) LINCOLN GLOBAL, INC. [US/US]; 1200 Monterey Pass Road, Monterey Park, CA 44024 (US).

(72) BLANKENSHIP, George Daryl; 12221 Bradford Drive, Chardon, OH 44024 (US). HSU, Christopher; 8510 Mansion Boulevard, Mentor, OH 44060 (US).

(74) AMIN, Himanshu S. et al. / etc.; Amin & Turocy, LLP, 1900 E. 9th Street, 24th 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086657 (13) A2

(21) PCT/US02/11200

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/839,529 20 Apr/avr 2001 US
 (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PRICE CHANGE OF ORDERS FROM RESERVE IN AN ELECTRONIC TRADING SYSTEM

- CHANGEMENT DE PRIX D'ORDRES PROVENANT D'UNE RESERVE DANS UN SYSTEME DE TRANSACTIONS ELECTRONIQUE

(71) BLOOMBERG LP [US/US]; 499 Park Avenue, New York, NY 10022 (US).

(72) HAUSMAN, Andrew; 24 Manor Hill Road, Summit, NJ 07901 (US).

(74) MARQUARDT, Matthew, J. et al. / etc.; Brown Raysman Millstein Felder and Steiner LLP, 19th floor, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086658 (13) A2

(21) PCT/US02/11782

(22) 11 Apr/avr 2002 (11.04.2002)

- (25) en (26) en
- (30) 60/285,066 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A SPACE-BASED INTERNET PROTOCOL SYSTEM FOR VEHICLE TRACKING, SYSTEMS MONITORING AND CONTROL
- SYSTEME DE PROTOCOLE INTERNET BASE DANS L'ESPACE PERMETTANT LA LOCALISATION DE VEHICULES, LE CONTROLE ET LA COMMANDE DE SYSTEMES
- (71) THE UNITED STATES OF AMERICA, as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) [US/US]; Washington, DC 20546-0001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORGAN, Dwayne, R. [US/US]; 27336 Patriot Drive, Salisbury, MD (US). STREICH, Ron [US/US]; 2027 Sough Braadway, Santa Maria, CA 93456 (US). GRANT, Charles [US/US]; - (US).
- (74) PARK, Chan, K.; NASA Goddard Space Flight Center, Code 710.1, Greenbelt, MD 20771 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 02/086659 (13) A2
- (21) PCT/US02/11995
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 09/838,805 20 Apr/avr 2001 US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUPER DISTRIBUTION OF MUSIC
- DISTRIBUTION DE MUSIQUE
- (71) SONY MUSIC ENTERTAINMENT INC. [US/US]; 550 Madison Avenue, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUGHES, David, A. [CA/US]; 62 W. 62nd Street, New York, NY 10023 (US). CARPENTER, Matthew, A. [US/US]; 7 East 14th Street #62, New York, NY 10003 (US). NGUYEN, Phuong, L. [US/US]; 10 Parclake Court, Wayne, NJ 07470 (US). MASSIHA, Mandana [US/US]; 7 East 14th Street #620, New York, NY 10003 (US).
- (74) KANANEN, Ronald, P.; Rader Fishman & Grauer PLLC, 1233 20th Street, Suite 501, 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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 02/086660 (13) A2
- (21) PCT/US02/12027
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 60/285,921 23 Apr/avr 2001 US
(23.04.2001)
- (30) 09/866,018 24 May/mai 2001 US
(24.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • USING DIGITAL SIGNATURES TO STREAMLINE THE PROCESS OF AMENDING FINANCIAL TRANSACTIONS
- UTILISATION DE SIGNATURES NUMERIQUES POUR RATIONALISER LE PROCESSUS DE MODIFICATION DE TRANSACTIONS FINANCIERES
- (71) CURRENEX, INC. [US/US]; 3565 Haven Ave., Menlo Park, CA 94025 (US).
- (72) KLECKNER, James; 1855 Cowper St., Palo Alto, CA 94301 (US). VILLAESCUSA, Renee; 4490 Palmdale St., Union City, CA 94598 (US). STRELLIS, Eric; 1107 Ordway St., Albany, CA 94706 (US). TRAN, Minh, Triet; 748 Page St., San Francisco, CA 94117 (US).
- (74) PARK, Richard; 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 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
- (11) WO 02/086661 (13) A2
- (21) PCT/US02/12128
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/839,037 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR CUSTOMER STOREFRONT OPERATIONS
- PROCEDE ET DISPOSITIF POUR EXPLOITER UN COMPTOIR CHEZ LE CLIENT
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (72) NAISH, Vicki, D.; 73 Cooper Lane, Stafford, CN-06067 (US). YEUNG, Louisa, W.; 1710 W. Bethany Home Road, Phoenix, AZ-85015 (US). REYNOLDS, David, A.; 5526 N. 83rd Street, Scottsdale, AZ-85250 (US). PURZER, Nicholas, R.; 3501 S. McClintock No. 2015, Tempe, AZ-85282 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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).
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- (51)⁷ G06F
- (11) WO 02/086662 (13) A2
- (21) PCT/US02/12137
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/837,112 18 Apr/avr 2001 US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SECURE DIGITAL MEDICAL INTELLECTUAL PROPERTY (IP) DISTRIBUTION, MARKET APPLICATIONS, AND MOBILE DEVICES
- DISTRIBUTION EN TOUTE SECURITE DE PROPRIETES INTELLECTUELLES MEDICALES SOUS FORME NUMERIQUE, APPLICATIONS COMMERCIALES, ET DISPOSITIFS MOBILES
- (71) IPDN CORPORATION [US/US]; 662 Lakeshore Drive, Murphysboro, IL 62966 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARRETTE, Pierre, Philip [US/US]; 662 Lake Shore Drive, Murphysboro, IL 62966 (US). SAIGH, Michael [US/US]; 535 East Main Street, DuQuoin, IL 62832 (US). BISHOP, Nancy, J. [US/US]; 5875 Day Road, Carbondale, IL 62901 (US).
- (74) CHICOINE, Caroline, G. et al. / etc.; Thompson Coburn LLP, One U.S. Bank Plaza, St. Louis, MO 63101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086663 (13) A2
(21) PCT/US02/12153
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/285,263 20 Apr/avr 2001 US
(20.04.2001)
(30) 09/981,248 16 Oct/oct 2001 US
(16.10.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COMPUTER SYSTEM FRO PROVID-
ING INFORMATION ABOUT THE
RISK OF AN ATYPICAL CLINICAL
EVENT BASED UPON GENETIC IN-
FORMATION
• SYSTEME INFORMATIQUE FOUR-
NISSANT DE L'INFORMATION SUR
LE RISQUE D'UN EVENEMENT CLI-
NIQUE ATYPIQUE SUR LA BASE
D'INFORMATION GENETIQUE
- (71) CERNER CORPORATION [US/US];
2800 Rockcreek Parkway, Kansas City, MO
64117 (US).
- (72) HOFFMAN, Mark, A.; 201 NE Noeleen,
Lee's Summit, MO 64086 (US). MCCAL-
LIE, David, P., Jr.; 6301 W. 181st Street, Stil-
well, KS 66085 (US).
- (74) GROSS, Michael, J. et al. / etc.; Shook,
Hardy & Bacon L.L.P., One Kansas City
Place, 1200 Main Street, Kansas City, MO
64105-2118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086664 (13) A2
(21) PCT/US02/12173
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,392 20 Apr/avr 2001 US
(20.04.2001)
(30) 10/126,502 19 Apr/avr 2002 US
(19.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SUBSCRIBER INTERFACE DEVICE
FOR USE WITH AN INTELLIGENT
CONTENT-BROADCAST NETWORK
- AND METHOD OF OPERATING THE
SAME
- DISPOSITIF A INTERFACE
D'ABONNE DESTINE A ETRE
UTILISE AVEC UN RESEAU DE DIF-
FUSION DE CONTENU INTELLIGENT
ET PROCEDE D'EXPLOITATION DE
CELUI-CI
- (71) FRANCE TELECOM RESEARCH AND
DEVELOPMENT L.L.C. [US/US]; Suite
300, 1000 Marina Boulevard, Brisbane, CA
94005 (US).
- (72) BJORGAN, Stephen; 18 Buena Vista
Terrace, San Francisco, CA 94117 (US).
NOAKES, Robert; 115 Sand Wedge Place,
Walnut Creek, CA 94598 (US).
- (74) MUNCK, William, A. et al. / etc.; Davis
Munck, P.C., 900 Three Galleria Tower,
13155 Noel Road, Dallas, TX 75240 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086665 (13) A2
(21) PCT/US02/12226
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,200 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • APPARATUS AND METHODS FOR A
UNITED STATES POSTAL SERVICE
SMART CARD SYSTEM
• APPAREIL ET PROCEDES DESTINES
A UN SYSTEME DE CARTES INTEL-
LIGENTES DU SERVICE POSTAL DES
ETATS-UNIS
- (71) UNITED STATES POSTAL SERVICE
[US/US]; 475 L'Enfant Plaza, S.W., Wash-
ington, DC 20260-1135 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FEINMAN, Jason, S. [US/US]; 913
Kenbrook Drive, Silver Spring, MD (US).
- (74) GARRET, Arthur, S.; Finnegan, Hender-
son, 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 02/086667 (13) A2
(21) PCT/US02/12435
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,144 19 Apr/avr 2001 US
(19.04.2001)
(30) 60/285,403 20 Apr/avr 2001 US
(20.04.2001)
(30) 09/683,264 5 Dec/déc 2001 US
(05.12.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • COMPUTER SOFTWARE FOR AUTO-
MATED ANNOTATION OF BIOLOGI-
CAL SEQUENCES
• LOGICIEL INFORMATIQUE PERMET-
TANT UNE ANNOTATION AUTO-
MATICQUE DE SEQUENCES BIOLO-
GIQUES
- (71) AFFYMETRIX, INC. [US/US]; 3380 Cen-
tral Expressway, Santa Clara, CA 95051 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **SIANI-ROSE, Michael, C.** [US/US]; 341 Day Street, San Francisco, CA 94131 (US). **SHIGETA, Ron** [US/US]; 1213 San Pablo, Berkeley, CA 94710 (US).

(74) **LIEBESCHUETZ, Joe et al.** / etc.; TOWNSEND and TOWNSEND and CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 02/086668** (13) A2

(21) PCT/US02/12466

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 09/841,631 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEMS AND METHODS TO FACILITATE A DISPLAY OF INVESTMENT INFORMATION ASSOCIATED WITH A PLURALITY OF SHARE PRICES

• SYSTEMES ET PROCEDES PERMETTANT DE PRESENTER DES INFORMATIONS SUR L'INVESTISSEMENT ASSOCIEES A UNE PLURALITE DE COURS D' ACTIONS

(71) **THE ISLAND ECN, INC.** [US/US]; 50 Broad Street, New York, NY 10004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEVINE, Joshua** [US/US]; P.O. Box 362, New York, NY 10268 (US).

(74) **BUCKLEY, Patrick, J.**; Buckley, Maschoff, Talwalkar & Allison LLC, 5 Elm Street, New Canaan, CT 06840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 G06F

(11) **WO 02/086669** (13) A2

(21) PCT/US02/12480

(22) **17 Apr/avr 2002 (17.04.2002)**

(25) en

(26) en

(30) 09/838,489 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR DISTRIBUTING TARGETED ADVERTISING

• PROCÉDÉ ET SYSTÈME DE DIFFUSION DE PUBLICITÉ CIBLÉE

(71) **ERICSSON INC.** [US/US]; 6300 Legacy, Plano, TX 75024 (US).

(72) **LINDE, Leif**; 2109 Oak Brook, Richardson, TX 75081 (US).

(74) **HAN, John, C. et al.** / etc.; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(11) **WO 02/086670** (13) A2

(21) PCT/US02/12482

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/286,069 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIMPLIFIED MODELING SOFTWARE INTERFACE AND METHOD

• INTERFACE ET PROCEDE DE LOGICIEL DE MODELISATION SIMPLIFIEE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US). **TNO MADYMO NORTH AMERICA** [US/US]; 38701 Seven Mile Road, Suite 206, Livonia, MI 48152 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTAMORE, Paul, Francis** [US/US]; 39366 Village Green Boulevard, Apt. 107, Farmington Hills, MI 48331 (US). **ROCKWELL, William, Edward** [US/US]; 39487 County Lane, Novi, MI 48375 (US). **COOPER, John** [GB/US]; 3920 Sandbar Court, Oxford, MI 48371 (US).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technologie, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR 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 G06F

(11) **WO 02/086671** (13) A2

(21) PCT/US02/12551

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) en (26) en

(30) 60/285,529 **20 Apr/avr 2001 US (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR TRAVEL CARRIER CONTRACT MANAGEMENT AND OPTIMIZATION

• SYSTEME ET PROCEDE DE GESTION ET D'OPTIMALISATION DE CONTRATS DE TRANSPORTEURS AERIENS

(71) **AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.** [US/US]; American Express Tower, World Financial Center, New York, NY 10285-4900 (US).

(72) **SAUSER, Olivier, B.**; 11, rue du Moulin Neuf, F-78760 Jouars Ponchartrain (FR). **DI FLORIO, Dionino, D.**; 79 Twyford Avenue, West Acton, London W3 9QD (GB).

(74) **SOBELMAN, Howard, I.**; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086672** (13) A2

(21) PCT/US02/12648

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/284,953 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRONIC ASSET ASSIGNMENT AND TRACKING

• AFFECTATION ET REPERAGE ELECTRONIQUES D'ACTIFS

(71) **ESPEED, INC.** [US/US]; 299 Park Avenue, 32nd Floor, New York, NY 10171 (US).

(72) **SACERDOTE, Joseph** (deceased / décédé). **WIENER, Jason**; 35 Nevins Street, Brooklyn, NY 11217 (US).

(74) **BLOOMBERG, Mark, H. et al.** / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086673 (13) A2
(21) PCT/US02/12752
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 09/841,792 24 Apr/avr 2001 US
(24.04.2001)
(30) 09/870,879 30 May/mai 2001 US
(30.05.2001)
(30) 09/892,015 25 Jun/juin 2001 US
(25.06.2001)
(30) 09/892,017 25 Jun/juin 2001 US
(25.06.2001)
(30) 09/902,503 9 Jul/juil 2001 US
(09.07.2001)
(30) 09/933,696 20 Aug/août 2001 US
(20.08.2001)
(30) 10/003,642 25 Oct/oct 2001 US
(25.10.2001)
(30) 09/997,968 28 Nov/nov 2001 US
(28.11.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHODS AND SYSTEMS FOR
TRANSMITTING DELAYED ACCESS
CLIENT GENERIC DATA-ON DE-
MAND SERVICES
• PROCEDES ET SYSTEMES D'EMIS-
SION DE SERVICES SUR DEMANDE
DE DONNEES GENERIQUES CLIENT
A ACCES DIFFERE

(71) PREDI WAVE CORP. [US/US]; 48501
Warm Springs Blvd., Suite 107, Fremont, CA
94539 (US).
(72) HOANG, Khoi; 5706 Dalton Creek Way,
Pleasanton, CA 94566 (US).
(74) COLEMAN, Brian, R.; Oppenheimer Wolff
& Donnelly, LLP, 1400 Page Mill Road, Palo
Alto, CA 94304 (US).
(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 UZ
VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086674 (13) A2
(21) PCT/US02/12889

(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 60/286,265 24 Apr/avr 2001 US
(24.04.2001)
(30) 10/093,340 6 Mar/mar 2002 US
(06.03.2002)
(30) 10/131,118 23 Apr/avr 2002 US
(23.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • GIGABIT ETHERNET ADAPTER
• ADAPTATEUR ETHERNET GIGABIT
(71) IREADY CORPORATION [US/US]; Suite
200, 2903 Bunker Hill Lane, Santa Clara, CA
95054 (US).
(72) MINAMI, John, S.; 66 Queen Street, #2602,
Honolulu, Hawaii 96813 (US). UYESHIRO,
Robin, Yasu; 1234 Kelewina St., Kailua, HI
96734 (US). JOHNSON, Michael, W.; 482
Knottingham Circle, Livermore, CA 94550
(US). SU, Steve; 3420 Oahu Avenue, Hon-
olulu, HI 96822 (US).
(74) GLENN, Michael et al. / etc.; Glenn Patent
Group, Ste. 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 G06F

(11) WO 02/086675 (13) A2
(21) PCT/US02/13030
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 09/842,266 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/841,732 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/842,268 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/841,733 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/842,267 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/841,731 25 Apr/avr 2001 US
(25.04.2001)
(30) 09/842,269 25 Apr/avr 2001 US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD AND SYSTEM FOR MAN-
AGING ACCESS TO SERVICES
• PROCEDE ET SYSTEME DE GESTION
DE L'ACCES A DES SERVICES
(71) PROBARIS TECHNOLOGIES, INC.
[US/US]; Suite 2560, 1601 Market Street,
Philadelphia, PA 19103 (US).

(72) GUNTER, Carl; 1921 Panama Street,
Philadelphia, PA 19103 (US). RUGGIERI,
David; 201 Spruce Street, Flourtown, PA
19031 (US). BERRY, Michael, C.; Apt.
1R, 2216 Delancey Place, Philadelphia, PA
19103 (US). MCDUGALL, Michael; Rear
G, 623 S. American Street, Philadelphia, PA
19147 (US). REMALEY, Thomas, J.; 2838
Aglen Avenue, Roseville, MN 55113 (US).
(74) GOLUB, Daniel, H. et al. / etc.; 1701 Mar-
ket Street, Philadelphia, PA 19103 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086676 (13) A2
(21) PCT/US02/13123
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 60/285,726 23 Apr/avr 2001 US
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SYSTEM AND METHOD FOR USING A
PREPAID CARD
• SYSTEME ET PROCEDE D'UTILISA-
TION D'UNE CARTE PREPAYEE
(71) MASTERCARD INTERNATIONAL IN-
CORPORATED [US/US]; 2000 Purchase
Street, Purchase, NY 10577 (US).
(72) RISAFI, Nicole, N.; 31 High Clear Drive,
Stamford, CT 06905 (US). HUNTER,
Burnett, D.; 4 Nob Hill Drive, Elmford,
NY 10523 (US). MCKENZIE, Kevin; 6912
Fieldstone Farms Drive, O'Fallon, MO 63366
(US). WIGGINS, Janice; 6 Douglas Lane,
New Fairfield, CT 06812 (US). STANGLE,
Brian; 4 Douglas Lane, New Fairfield, CT
06812 (US). STANGLE, Brian; 4 Dou-
glas Lane, New Fairfield, CT 06812 (US).
FORTE, Vincent, John, Charles; 97 Spring-
brook Road, Morristown (US).
(74) SCHEINFELD, Robert, C.; Baker Botts
LLP, 30 Rockefeller Plaza, New York, NY
10112-0228 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086677 (13) A2

(21) PCT/US02/13134

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,397 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR SIMULATING THE DISTRIBUTION OF TARGETED ADVERTISING

• PROCEDE ET SYSTEME DE SIMULATION DE LA DISTRIBUTION DE PUBLICITE CIBLEE

(71) ERICSSON INC. [US/US]; 6300 Legacy, Plano, TX 75024 (US).

(72) LINDE, Leif; 2109 Oak Brook, Richardson, TX 75081 (US).

(74) HAN, John, C. et al. / etc.; Ericsson Inc., 6300 Legacy, MS/EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(11) WO 02/086678 (13) A2

(21) PCT/US02/13149

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,320 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POWER MANAGEMENT SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE GESTION D'ENERGIE

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(72) HWANG, Andrew, SeungHo; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). NAYLOR, Andrew, M.; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). LINDSAY, Steven, B.; 16215 Alton Parkway, Irvine, CA 92618 (US). ABOUHOSSEIN, Habib, Anthony; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). MCDONALD, Scott, Sterling; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(74) BURBACH, Stephen, D.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086679 (13) A2

(21) PCT/US02/13380

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,478 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SERVICE PROVISION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE PRESTATION DE SERVICE

(71) METALLECT CORPORATION [US/US]; 5825 Ellsworth Avenue, Dallas, TX 75206 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HITE, Thomas, D. [US/US]; 905 Sunset Hill Drive, Rockwall, TX 75087 (US). MCGRANE, William, B. [US/US]; 5825 Ellsworth Avenue, Dallas, TX 75206 (US).

(74) JEANG, Wei Wei et al. / etc.; Munsch Hardt Kopf & Harr, P.C., 4000 Fountain Place, 1445 Ross Avenue, Dallas, TX 75202-2790 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086680 (13) A2

(21) PCT/US02/04553

(22) 18 Jan/jan 2002 (18.01.2002)

(25) en (26) en

(30) 09/767,053 22 Jan/jan 2001 US
(22.01.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CUSTOMIZED PROGRAM CREATION BY SPLICING SERVER BASED VIDEO, AUDIO, OR GRAPHICAL SEGMENTS

• CREATION DE PROGRAMMES PERSONNALISES PAR EPISSAGE DE SEGMENTS VIDEO, AUDIO OU GRAPHIQUES, BASES SUR DES SERVEURS

(71) ACTV, INC. [US/US]; 10th Floor, 233 Park Avenue South, New York, NY 10003 (US).

(72) LIGA, Kevin; 221 County Ridge Drive, Rye Brook, NY 10573 (US). DEO, Frank, P.; 37 Sandhill Road, Kendall Park, NJ 08824 (US). FREEMAN, Michael, J.; 6B Blue Sea Lane, Kings Point, NY 11024 (US).

(74) HATTENBACH, Brad, J. et al. / etc.; Dorsey & Whitney LLP, Suite 4700, 370 17th Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 G06F

(11) WO 02/086681 (13) A2

(21) PCT/US02/07735

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 60/285,771 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND SYSTEMS FOR CARRYING OUT CONTINGENCY-DEPENDENT PAYMENTS VIA SECURE ELECTRONIC BANK DRAFTS SUPPORTED BY ONLINE LETTERS OF CREDIT AND/OR ONLINE PERFORMANCE BONDS

• PROCEDES ET SYSTEMES PERMETTANT LA MISE EN OEUVRE DE PAIEMENTS CONDITIONNELS PAR DES TRAITES BANCAIRES ELECTRONIQUES SECURISEES, GARANTIES PAR DES LETTRES DE CREDIT EN LIGNE ET/OU DES GARANTIES DE BONNE EXECUTION EN LIGNE

(71) ORACLE CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

- (72) **JOHNSON, Richard C.**; 7542 Shadowhill Lane, Cupertino, CA 95014 (US).
- (74) **YOUNG, Alan, W.**; Young Law Firm, P.C., 4370 Alpine Road, Suite 106, Portola Valley, CA 94028 (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).
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- (51)⁷ **G06F**
- (11) **WO 02/086682** (13) A2
- (21) PCT/US02/08269
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 09/838,194 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR OFFERING CUSTOMIZED CREDIT CARD PRODUCTS
- SYSTEME ET PROCEDE VISANT A PROPOSER DES CARTES DE CREDITS PERSONNALISEES
- (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) **CLIFFORD, Jeremy, P.** [US/US]; 1236 N. Dinwiddie Street, Arlington, VA 22205 (US). **CZYZEWSKI, Nathan, T.** [US/US]; 3536 South Stafford Street, Apt. A1, Arlington, VA 22206 (US). **HEBNER, Kristi, S.** [US/US]; 9054 Walldelock Place, Mechanicsville, VA 23116 (US). **ANDERSON, Michael, T.** [US/US]; 630 Anderson Hill, Washington, D:C: 20016 (US). **RHODES, Hillary** [US/US]; 308 South Carolina Avenue, S.E., Washington, D:C: 20016 (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) **G06F 1/00**
- (11) **WO 02/086683** (13) A2
- (21) PCT/EP02/03725
- (22) **4 Apr/avr 2002 (04.04.2002)**
- (25) de (26) de
- (30) 101 18 794.7 **5 Apr/avr 2001 DE (05.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR DIGITALLY SIGNING A TRANSACTION
- PROCEDE ET DISPOSITIF POUR LA SIGNATURE NUMERIQUE D'UNE TRANSACTION
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Matthias Zahn, Intellectual Property Department, Neurottr. 16, 69190 Walldorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **POSSEGA, Joachim** [DE/DE]; Eichelbergweg 16A, 76646 Bruchsal (DE). **KILIAN-KEHR, Roger** [DE/DE]; Alfred-Messel-Weg 40, 64287 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 **G06F 1/00**
- (11) **WO 02/086684** (13) A2
- (21) PCT/GB02/01856
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 0110131.0 **24 Apr/avr 2001 GB (24.04.2001)**
- (30) 0127735.9 **20 Nov/nov 2001 GB (20.11.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • AN INFORMATION SECURITY SYSTEM
- SYSTEME DE SECURITE DE L'INFORMATION
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PROUDLER, Graeme, John** [GB/GB]; 5 Touchstone Avenue, Stoke Gifford, Bristol BS34 8XQ (GB).
- (74) **LAWRENCE, Richard, Anthony**; Hewlett Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS12 8QZ (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).
- (51)⁷ **G06F 1/00**
- (11) **WO 02/086685** (13) A2
- (21) PCT/JP02/03636
- (22) **11 Apr/avr 2002 (11.04.2002)**
- (25) en (26) en
- (30) 2001-121161 **19 Apr/avr 2001 JP (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LICENSE MANAGEMENT SYSTEM, LICENSE MANAGEMENT DEVICE, RELAY DEVICE AND TERMINAL DEVICE
- SYSTEME DE GESTION DE PERMIS D'UTILISATION, DISPOSITIF DE GESTION DE PERMIS, DISPOSITIF DE RELAIS ET DISPOSITIF DE TERMINAL
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NAMBA, Takaaki** [JP/JP]; 6-1, Futakata-cho, Nishi-ku, Nagoya-shi, Aichi 452-0817 (JP). **MATSUO, Takashi** [JP/JP]; 20-2, Tsuchihashi 7-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0005 (JP). **HIGASHI, Akio** [JP/JP]; B-406, Hiyoshidainanabancho 25-ban, Takatsuki-shi, Osaka 569-1022 (JP). **NAKAHARA, Tohru** [JP/JP]; 4-40, Nonakaminami 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). **MURAKAMI, Hiroki** [JP/JP]; 8-5, Tsukumodai 2-chome, Suita-shi, Osaka 565-0862 (JP). **NAKANISHI, Masanori** [JP/JP]; 8-13-1201, Furuchi 3-chome, Joto-ku, Osaka-shi, Osaka 531-0001 (JP). **UESAKA, Yasushi** [JP/JP]; 16-16, Tsutsujigaokakita 2-chome, Sanda-shi, Hyogo 669-1348 (JP). **MIURA, Kouji** [JP/JP]; 4-1, Ueda 3-chome, Matsubara-shi, Osaka 580-0016 (JP).
- (74) **NII, Hiromori**; c/o NII Patent Firm, 11th Floor, Shin-Osaka-Matsushima Bldg., 8-15, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/04**
- (11) **WO 02/086686** (13) A1
- (21) PCT/GB02/01324
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 01110059.3 **24 Apr/avr 2001 GB (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CLOCK DISTRIBUTION CIRCUIT

- CIRCUIT DE DISTRIBUTION D'UN SIGNAL D'HORLOGE
- (71) **UBINETICS LIMITED** [GB/GB]; Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REEVE, John, Michael** [GB/GB]; 92 Nightingale Road, Hitchin, Hertfordshire SG5 1RL (GB).
- (74) **PRATT, David, Martin** 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).
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- (51)⁷ **G06F 1/04, H03L 7/081**
- (11) **WO 02/086687** (13) A1
- (21) PCT/US02/12713
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 09/842,332 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNCHRONOUS RECEIVER WITH DIGITAL LOCKED LOOP (DLL) AND CLOCK DETECTION
- RECEPTEUR SYNCHRONE A BOUCLE ASSERVIE NUMERIQUE (DLL) ET DETECTION DE SIGNAL D'HORLOGE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **FONG, Wai**; 4665 Blue Ridge Drive, San Jose, CA 95129 (US). **JONG, Jyh-Ming**; 2626 Glenbriar Drive, Saratoga, CA 95070 (US). **YUAN, Leo**; 11497 Country Club Drive, Los Altos, CA 94024 (US). **SMITH, Brian**; 1152B La Rochelle Terrace, Sunnyvale, CA 94089 (US). **CHAKRABARTI, Prabhansu**; 366 Pescadero Terrace, Sunnyvale, CA 94086 (US).
- (74) **CONLEY, ROSE & TAYON, P.C.**; Kivlin, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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).
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- (51)⁷ **G06F 1/24**
- (11) **WO 02/086688** (13) A1
- (21) PCT/US02/13342
- (22) **25 Apr/avr 2002 (25.04.2002)**
- (25) en (26) en
- (30) 60/286,757 **25 Apr/avr 2001 US (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEMS AND METHODS FOR PROCESSING CLAIMS IN REAL-TIME
- SYSTEMES ET PROCEDES PERMETTANT DE TRAITER LES DEMANDES EN TEMPS REEL
- (71) **NDCHEALTH CORPORATION** [US/US]; NDC Plaza, Atlanta, GA 30329-2010 (US).
- (72) **BRYANT, Oliver, Ross, Jr.**; 4131 Renard Way, Rex, GA 30273 (US). **FRAZOR, Scott, N.**; 4510 S. Milam, Amarillo, TX 79110 (US). **ROWE, James, Couser, III**; 352 Spring Willow Drive, Sugar Hill, GA 30518 (US).
- (74) **SILVERIO, William, R.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (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 **G06F 1/26**
- (11) **WO 02/086689** (13) A2
- (21) PCT/US02/12707
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 08/841,912 **24 Apr/avr 2001 US (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A SYSTEM AND METHOD FOR DETERMINING THE REQUIRED DECOUPLING CAPACITORS FOR A POWER DISTRIBUTION SYSTEM USING AN IMPROVED CAPACITOR MODEL
- SYSTEME ET PROCEDURE DE DETERMINATION DES CONDENSATEURS DE DECOUPLAGE REQUIS POUR UN SYSTEME DE DISTRIBUTION D'ENERGIE FAISANT APPEL A UN MODELE DE CONDENSATEUR AME-LIORE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **SMITH, Larry, D.**; 6339 Solano Drive, San Jose, CA 95119-1554 (US). **HOCKANSON, David**; 1420 Pinecrest Drive, Boulder Creek, CA 95006 (US).
- (74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, 3/03, 3/033, 3/16, 13/00, 13/10, 13/12, G09G 5/08, H04B 1/16, 1/18, 17/02**
- (11) **WO 02/086690** (13) A1
- (21) PCT/US02/12056
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en
- (30) 60/284,516 **19 Apr/avr 2001 US (19.04.2001)**
- (30) 10/061,314 **4 Feb/fév 2002 US (04.02.2002)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PERSONAL COMPUTER RADIO RECEIVER
- RECEPTEUR RADIO POUR ORDINA-TEUR PERSONNEL
- (71) **SMARTEC SUBSIDIARY LTD.** [—/—]; C/o Cotco Building, Wickham Way, Road Town (VG).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi Street, 43406 Raanana (IL).
(only for / seulement pour TJ)
- (72, 75) **BEN-DAVID, Gal** [IL/IL]; 238 Hazait Street, 17940 Mitzpe Adi (IL).
- (74) **FRIEDMAN, Mark, M.**; Discovery Dispatch, 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).
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- (51)⁷ **G06F 3/00, 13/00, H04N 5/445**
- (11) **WO 02/086691** (13) A1
- (21) PCT/US02/09260
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) 09/840,546 **23 Apr/avr 2001 US (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRONIC PROGRAM GUIDE INCLUDING VIRTUAL CHANNELS FOR INTERACTIVE TELEVISION
- GUIDE ELECTRONIQUE DE PROGRAMMES COMPORTANT DES

CHAINES VIRTUELLES D'UNE TELEVISION INTERACTIVE

(71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) KITSUGAWA, Tadamasu; 14284 Breeze-way Place, San Diego, CA 92128 (US). AKIYAMA, Tsutomu; 17854 Via Alta Mirasol, San Diego, CA 92128 (US). KONDO, Shigeharu; 14924 Avenida Vensuto #117, San Diego, CA 92128 (US).

(74) ROGITZ, John, L.; Rogitz & Associates, Suite 3120, 750 B Street, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/02

(11) WO 02/086692 (13) A1

(21) PCT/SE02/00817

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 0101489-3 25 Apr/avr 2001 SE (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USER INTERFACE AND MEANS FOR CONTROLLING SAME

• INTERFACE UTILISATEUR ET ORGANNE DE COMMANDE DE CELLE-CI

(71, 72) WELLTON-PERSSON, Claes, Lorentz, Uno [SE/SE]; Sveavägen 118, 5 tr., S-113 50 Stockholm (SE).

(74) NORÉN, Per, Bo, Arne; Swedpatent AB, P.O. Box 186, S-746 24 Balsta (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 3/023, A63F 13/06, H01H 23/16, G05G 1/04, 5/05

(11) WO 02/086693 (13) A1

(21) PCT/JP02/03066

(22) 28 Mar/mar 2002 (28.03.2002)

(25) ja (26) ja

(30) 2001-120679 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTROLLER

• UNITE DE COMMANDE

(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) TANAKA, Makoto; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) YONEYAMA, Hisashi; Shinjuku-Fukuchi Bldg. 5th Floor, 29-8, Shinjuku 6-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 3/033

(11) WO 02/086694 (13) A1

(21) PCT/JP02/03918

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ja (26) ja

(30) 2001-121483 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-315832 12 Oct/oct 2001 JP (12.10.2001)

(30) 2001-339590 5 Nov/nov 2001 JP (05.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POINTING DEVICE

• DISPOSITIF POINTEUR

(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) TAKATSUKA, Toshinori [JP/JP]; 140-1, Nakamaru, Fuji-shi, Shizuoka 416-0933 (JP). ISHIBASHI, Kazutoshi [JP/JP]; 421-7, Samejima, Fuji-shi, Shizuoka 416-0934 (JP). YAMASHITA, Masataka [JP/JP]; 1-6-35, Kamikodanaka, Naka-hara-ku, Kawasaki-shi, Kanagawa 211-0053 (JP).

(74) TANI, Yoshikazu; 6-20, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086695 (13) A1

(21) PCT/US02/12143

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/839,974 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM TO FACILITATE SELECTING PROGRAMS

• PROCEDE ET SYSTEME FACILITANT LA SELECTION DES PROGRAMMES

(71) KEEN PERSONAL MEDIA, INC. [US/US]; One Morgan, Irvine, CA 92618 (US).

(72) SCHWARTZ, Peter, J.; 717 Rosarita Drive, Fullerton, CA 92835 (US). PRICE, William, P.; 11037 Warner Avenue, #290, Fountain Valley, CA 92708 (US).

(74) SHARA, Milad, G.; Western Digital Corporation, 20511 Lake Forest Drive, Lake Forest, CA 92630 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/00

(11) WO 02/086696 (13) A2

(21) PCT/EP02/03363

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 0109618.9 19 Apr/avr 2001 GB (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD AND SYSTEM FOR MANAGING CONFIGURATION CHANGES IN A DATA PROCESSING SYSTEM

• PROCEDE ET SYSTEME POUR GERER DES CHANGEMENTS DE CONFIGURATION DANS UN SYSTEME DE TRAITEMENT 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)

(71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Défense Cedex (FR). (only for / seulement pour MC)

(72, 75) MARINELLI, Claudio [IT/IT]; Via Goito, 6, I-04011 Aprilia (IT). PICHETTI, Luigi [IT/IT]; Via Ludovico di Montreale, I-00152 Roma (IT).

(74) ZERBI, Guido; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM 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 G06F 9/00

(11) WO 02/086697 (13) A2

(21) PCT/IB02/01358

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109722.9 20 Apr/avr 2001 GB
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • EXTENDIBLE INSTRUCTION SYS-
TEM
• SYSTEME D'INSTRUCTIONS EXTEN-
SIBLE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) HICKMAN, Andrew, J.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) WHITE, Andrew, G.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) CN JP 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 9/00

(11) WO 02/086698 (13) A1

(21) PCT/US01/47261

(22) 11 Dec/déc 2001 (11.12.2001)

(25) en (26) en

(30) 09/838,057 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND APPARATUS FOR AL-
LOCATING PROCESSOR RESOURCES
IN A LOGICALLY PARTITIONED
COMPUTER SYSTEM
• PROCEDE ET APPAREIL PERMET-
TANT L'ATTRIBUTION DE RES-
SOURCES DE PROCESSEUR DANS
UN SYSTEME INFORMATIQUE A
PARTITIONS LOGIQUES

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).

(72) ARMSTRONG, William, Joseph; 61303
234th Avenue, Mantorville, MN 55955 (US).
MANGES, Mark, Gregory; 4314 Camfield
Court SE, Rochester, MN 55904 (US). NA-
YAR, Naresh; 5233 Belmoral Lane N.W.,
Rochester, MN 55901 (US). SCHELL, Jef-
frey, Jay; 6610 Kristin Lane N.W., Rochester,
MN 55901 (US). WILCOX, Craig, Alden;

2666 11th Avenue N.W., Rochester, MN
55901 (US).

(74) NEFF, Daryl, K.; International Business
Machines Corporation, Dept. 18G/Bldg.
300-482, 2070 Route 52, Hopewell Junction,
NY 12533-6531 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG 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 9/00

(11) WO 02/086699 (13) A2

(21) PCT/US02/10389

(22) 1 Apr/avr 2002 (01.04.2002)

(25) en (26) en

(30) 60/286,197 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MICROPROCESSOR FOR EXECUTING
BYTE COMPILED JAVA CODE
• MICROPROCESSEUR CONÇU POUR
EXECUTER UN CODE JAVA COMPILE

(71) ATMEL CORPORATION [US/US]; 2325
Orchard Parkway, San Jose, CA 95131 (US).

(72) STROM, Oyvind; Nedre Mollenbergsgate
91, N-7043 Trondheim (NO).

(74) SCHNECK, Thomas; Law Offices of
Thomas Schneck, P.O. Box 2-E, San Jose,
CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 9/38, 12/06

(11) WO 02/086700 (13) A1

(21) PCT/FR02/01328

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01/05405 20 Apr/avr 2001 FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • OPTIMISED STORAGE ADDRESSING
METHOD

- PROCEDE D'ADRESSAGE DE ME-
MOIRE OPTIMISE

(71) STMICROELECTRONICS S.A. [FR/FR];
29, boulevard Romain Rolland, F-92120
Montrouge (FR). INFINEON TECH-
NOLOGIES AG [DE/DE]; St.-Mar-
tin-Strasse 53, 81541 Munchen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HENRIQUES, Jean-Paul [FR/FR]; 13,
rue Etienne de la Boétie, F-38320 Eybens
(FR). DEVAUX, Fabrice [FR/FR]; Chemin
de Cugnet, F-73800 Les Marches (FR).

(74) DE BEAUMONT, Michel; Cabinet Michel
de Beaumont, 1, rue Champollion, F-38000
Grenoble (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 G06F 9/38

(11) WO 02/086701 (13) A1

(21) PCT/GB02/01883

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0109939.9 23 Apr/avr 2001 GB
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • EXPANDED FUNCTIONALITY OF
PROCESSOR OPERATIONS WITHIN
A FIXED WIDTH INSTRUCTION EN-
CODING

- FONCTIONNALITE ETENDUE D'OPE-
RATIONS DE PROCESSEUR A L'IN-
TERIEUR D'UN CODAGE D'INSTRUC-
TION A LARGEUR FIXE

(71) IMAGINATION TECHNOLOGIES LIM-
ITED [GB/GB]; Home Park Estate, Kings
Langley, Hertfordshire WD4 8LZ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEBBER, Andrew [GB/GB]; 5 Fields
End, Tring, Herts HP23 5ER (GB).

(74) ROBSON, Aidan, John; Reddie & Grose,
16 Theobalds Road, London WC1X 8PL
(GB).

(81) GB 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 G06F 9/44 // 17/30

(11) WO 02/086702 (13) A1

(21) PCT/FI02/00335

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 20010828 23 Apr/avr 2001 FI
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • HANDLING DIFFERENT SERVICE
VERSIONS IN A SERVER

- GESTION DE DIFFERENTES VERSIONS DE SERVICES DANS UN SERVEUR

(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) KROHN, Petri [FI/FI]; Kytösuonpolku 3 a 11, FIN-00300 Helsinki (FI). JÄSKE, Harri [FI/FI]; Niittykuja 2 A 5, FIN-02200 Espoo (FI).

(74) RUUSKANEN, Juha-Pekka; Page White & Farrer, Runeberginkatu 5, 10th Floor, 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).

(51)⁷ G06F 9/44, 17/30

(11) WO 02/086703 (13) A1

(21) PCT/SE02/00742

(22) 12 Apr/avr 2002 (12.04.2002)

(25) sv (26) en

(30) 0101345-7 17 Apr/avr 2001 SE (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- METHOD FOR LINKING TWO INFORMATION TYPES
- PROCEDE DESTINE A RELIER DEUX TYPES D'INFORMATIONS

(71) SPECTRONIC AB [SE/SE]; Karbingatan 36, S-254 67 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIVERSSON, Per [SE/SE]; Gravarliden 7, S-254 33 Helsingborg (SE).

(74) AWAPATENT AB; Box 5117, S-200 714 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G06F 9/44

(11) WO 02/086704 (13) A1

(21) PCT/US01/31772

(22) 11 Oct/oct 2001 (11.10.2001)

(25) en (26) en

(30) 60/239,409 11 Oct/oct 2000 US (11.10.2000)

(30) 09/689,429 12 Oct/oct 2000 US (12.10.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

- SMART GENERATOR
- GENERATEUR INTELLIGENT

(71) BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95134 (US).

(72) LEE, William, W.; 221 Columbus Avenue #702, Boston, MA 02116 (US). PELENUR, Julian; 1 Mooring Road, Marblehead, MA 01945 (US).

(74) IM, C., Andrew et al. / etc.; Fulbright & Jaworski 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 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 9/44

(11) WO 02/086705 (13) A1

(21) PCT/US02/12517

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,638 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- COMPUTER SYSTEM AND METHOD WITH ADAPTIVE N-LEVEL STRUCTURES FOR AUTOMATED GENERATION OF PROGRAM SOLUTIONS
- SYSTEME ET PROCEDE INFORMATIQUES A STRUCTURES DE NIVEAU

N ADAPTATIVE POUR LA PRODUCTION AUTOMATISEE DE SOLUTIONS DE PROGRAMME

(71) QUANTUM DYNAMICS, INC. [US/US]; 14222 Hillside Circle, Omaha, NE 68137 (US).

(72) NOLAN, Darla; 15619 W. 81st Street, Lenexa, KS 66219 (US).

(74) ELLIOTT, Kyle; Blackwell Sanders Peper Martin Llp, 2300 Main Street, Suite 1000, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/44

(11) WO 02/086706 (13) A1

(21) PCT/US02/12617

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/840,727 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- METHOD AND SYSTEM FOR REPORTING XML DATA BASED ON PRECOMPUTED CONTEXT AND A DOCUMENT OBJECT MODEL
- PROCEDE ET SYSTEME DE PRESENTATION DE DONNEES XML BASEE SUR UN CONTEXTE PRECALCULE ET UN MODELE D'OBJET DE DOCUMENT

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) BALLANTYNE, Alando, M.; 212 Bonnieview, Austin, TX 78704 (US). SMITH, Michael, K.; 8324 La Plata Loop, Austin, TX 78737 (US). HINES, Larry, M.; 4613 Chiappero Trail, Austin, TX 78731 (US).

(74) LINEBERRY, Allen, Scott; Electronic Data Systems Corporation, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC 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
designations

(t) for all designations / pour toutes les
designations

(51)⁷ G06F 9/44

(11) WO 02/086707 (13) A1

(21) PCT/US02/12917

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,460 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SOFTWARE DEVELOPMENT TOOL
EMPLOYING WORKFLOWS FOR
DEVELOPING USER INTERACTIVE
PROGRAMS

• OUTIL DE DEVELOPPEMENT DE LOGI-
CIELS UTILISANT DES FLUX DE
TRAVAUX POUR DEVELOPPER DES
PROGRAMMES INTERACTIFS POUR
L'UTILISATEUR

(71) HEURISTIC PHYSICS LABORATO-
RIES, INC. [US/US]; 2033 Gateway Place,
San Jose, CA 95110 (US).

(72) LEPEJIAN, Yervant, D.; 920 Ra-
mona Street, Palo Alto, CA 94301 (US).
LACHINYAN, Gurgun; 1091 Tanland
Drive #206, Palo Alto, CA 94303 (US).
GHUKASYAN, Hovhannes; 155 Pacchetti
Way, Mountain View, CA 94040 (US).
SAGATELIAN, Arman; 1270 Coronado
Drive, Apt. 4, Sunnyvale, CA 94086 (US).

(74) SMITH-HILL, John; Smith-Hill and Be-
dell, P.C., Suite 104, 12670 N.W. Barnes
Road, Portland, OR 97229 (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 9/445

(11) WO 02/086708 (13) A1

(21) PCT/US02/12180

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/839,336 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATED UPDATING OF ACCESS
POINTS IN A DISTRIBUTED NET-
WORK

• MISE A JOUR AUTOMATIQUE DE
POINTS D'ACCES DANS UN RESEAU
REPARTI

(71) HEREUARE COMMUNICATIONS,
INC. [US/US]; 3707 Williams Road, Suite
100, San Jose, CA 95117 (US).

(72) ANTON, Francis, M., Jr.; 1838 Charmeran
Avenue, San Jose, CA 95124-3644 (US).

(74) JAKOPIN, David, A. et al. / etc.; Pills-
bury 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).

Published / Publiée : (c)

(51)⁷ G06F 9/445

(11) WO 02/086709 (13) A2

(21) PCT/US02/12710

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,269 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR
PLUG-IN MAPPER

• PROCEDE ET SYSTEME POUR MAP-
PEUR DE MODULES D'EXTENSION

(71) ARTESIA TECHNOLOGIES, INC.
[US/US]; Suite 400, 700 King Farm Boule-
vard, Rockville, MD 20850 (US).

(72) CHAKRAVARTY, Dipto; 700 King Farm
Boulevard, Suite 400, Rockville, MD 20850
(US). TAM, Jack; 700 King Farm Boule-
vard, Suite 400, Rockville, MD 20850
(US). NOROUZI, Maryam; 700 King
Farm Boulevard, Suite 400, Rockville, MD
20850 (US). XU, Jordan; 700 King Farm
Boulevard, Suite 400, Rockville, MD 20850
(US). NGUYEN, Khanh; 700 King Farm
Boulevard, Suite 400, Rockville, MD 20850
(US). JENKINS, Edward; 700 King Farm
Boulevard, Suite 400, Rockville, MD 20850
(US). FALL, Malick; 700 King Farm Boule-
vard, Suite 400, Rockville, MD 20850 (US).
HOANG, An; 700 King Farm Boulevard,
Suite 400, Rockville, MD 20850 (US).

(74) NICHOLSON, Cynthia, K. et al. / etc.;
Hale and Dorr LLP, 1455 Pennsylvania Aven-
ue, N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR 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 G06F 9/45

(11) WO 02/086710 (13) A2

(21) PCT/US02/13210

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,123 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SOFTWARE SUITABILITY TESTING
SYSTEM

• SYSTEME DE VERIFICATION DE PER-
TINENCE DE LOGICIELS

(71) WVHTC FOUNDATION [US/US]; James
L. Estep, 1000 Technology Drive, Suite 1000,
Fairmont, WV 26554 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ESTEP, James, L. [US/US]; 362 Tyrone
Avery Road, Morgantown, WV 26508 (US).

DEHLIN, Mark, A. [US/US]; 2796 King-
wood Pike, Morgantown, WV 26508 (US).

(74) DORTENZO, Megan, D. et al. / etc.; Step-
toe & Johnson PLLC, P.O. Box 2190, Clarks-
burg, WV 26302-2190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 9/455

(11) WO 02/086711 (13) A1

(21) PCT/US02/10779

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/840,443 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTOCOL EMULATOR

• EMULATEUR DE PROTOCOLES

(71) ACTERNA, L.L.C. [US/US]; 20400 Obser-
vation Drive, Germantown, MD 20876-4023
(US).

(72) THAKKAR, Bina, Kunal; 102 Deanscroft
Court, Cary, NC 27511 (US).

(74) CHIANTERA, Dominic, J.; Moore & Van
Allen, 2200 West Main Street, Suite 800,
Durham, NC 27705 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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
designations

- (51)⁷ G06F 9/455, 15/16, 15/173, H04L 12/28, 12/56
- (11) WO 02/086712 (13) A1
- (21) PCT/US02/11827
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 60/285,296 20 Apr/avr 2001 US (20.04.2001)
- (30) 10/037,191 4 Jan/jan 2002 US (04.01.2002)
- (30) 10/038,353 4 Jan/jan 2002 US (04.01.2002)
- (30) 10/038,354 4 Jan/jan 2002 US (04.01.2002)
- (30) 10/038,355 4 Jan/jan 2002 US (04.01.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VIRTUAL NETWORKING SYSTEM AND METHOD IN A PROCESSING SYSTEM
- SYSTEME ET PROCEDE DE RESEAU-TAGE VIRTUEL DANS UN SYSTEME DE TRAITEMENT
- (71) EGENERA, INC. [US]; 165 Forest Street, Marlboro, MA 01752 (US).
- (72) SCHULTER, Peter; 56 Faith Drive, Hampstead, NH 03841 (US). GENG, Scott; 26 Long Drive, Westboro, MA 01581 (US). MANCA, Peter; 112 Flanagan Hill Road, Sterling, MA 01564 (US). CURTIS, Paul; 25 Lafayette Drive, Sudbury, MA 01776 (US). MILNE, Ewan; 27 Deer Field Lane, Stow, MA 01775 (US). SMITH, Max; 31 Ridge Avenue, Natick, MA 01760 (US). GREENSPAN, Alan; 37 Washburn Street, Northboro, MA 01532 (US). DUFFY, Edward; 34 Oakhill Drive, Arlington, MA 02474 (US). BROWNELL, Vern; 174 Eastward Road, Chatham, MA 02633 (US). SPRACHMAN, Ben; 8 Coburn Road, Hopkinton, MA 01748 (US). BUSBY, Dan; 1 Deborah Lane, Sterling, MA 01564 (US).
- (74) DICHIARA, Peter, M. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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).
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- (51)⁷ G06F 9/46
- (11) WO 02/086713 (13) A2
- (21) PCT/IB02/01363
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 0109726.0 20 Apr/avr 2001 GB (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SERVICE ACCESS SYSTEM
- SYSTEME D'ACCES A DES SERVICES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). UNIVERSITY OF LJUBLJANA [SI/SI]; Trzaska 25, 1001 Ljubljana (SI).
- (72) HICKMAN, Andrew, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEBAN, Marjan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) WHITE, Andrew, G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (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 9/46
- (11) WO 02/086714 (13) A2
- (21) PCT/US02/12276
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 2002-124060 23 Apr/avr 2001 JP (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD, PROGRAM, AND APPARATUS FOR DELEGATING INFORMATION PROCESSING
- PROCEDE, PROGRAMME, ET APPAREIL DE DELEGATION DU TRAITEMENT DE L'INFORMATION
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) TSUTSUMI, Takehiko [JP/JP]; 17-8, Shichirigahama-higashi 3-chome, Kamakura-shi, Kanagawa 248-0025 (JP).
- (74) KOCH, William, E. et al. / etc.; Motorola, Inc. - Corporate Law Department, Intellectual Property Section, 3102 North 56th Street-MD: AZ11/56-238, P.O. Box 10219, Phoenix, AZ 85018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086715 (13) A2
- (21) PCT/US02/12444
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284, 439 18 Apr/avr 2001 US (18.04.2001)
- (30) 10/124,630 17 Apr/avr 2002 US (17.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTEGRATED PROCEDURE FOR PARTITIONING NETWORK DATA SERVICES AMONG MULTIPLE SUBSCRIBERS
- PROCEDURE INTEGREE DE SUBDIVISION DE SERVICES DE DONNEES D'UN RESEAU PARMY PLUSIEURS ABONNES
- (71) CEREVA NETWORKS, INC. [US/US]; 3 Network Drive, Marlborough, MA 01752-3083 (US).
- (72) WILS, Joris, J.; 6 Eliot Circle, Acton, MA 01720 (US). MIAOULIS, Beth, K.; 42 Lowell Drive, Stow, MA 01775 (US). STIFFLER, Jack, J.; 286 Delano Road, Marion, MA 02738 (US).
- (74) KUDIRKA, Paul, E.; Kudirka & Jobse, LLP, One State Street, Suite 1510, 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 01/24
- (11) WO 02/086716 (13) A1
- (21) PCT/US02/12475
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,914 18 Apr/avr 2001 US (18.04.2001)
- (30) 10/118,380 5 Apr/avr 2002 US (05.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR ASSOCIATING DATA RECORDS
- PROCEDE ET SYSTEME SERVANT A ASSOCIER DES ENREGISTREMENTS DE DONNEES
- (71) IPASS, inc. [US/US]; 3800 Bridge Parkway, Redwood City, CA 94065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDGETT, Jeff, Steven [US/US]; 151 South Bernado #24, Sunnyvale, CA 94086 (US). SUNDER, Singam [US/US]; 539 Isaac Court, San Jose, CA 95136 (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).

Published / Publiée : (c)

(51)⁷ G06F 11/00, 13/00

(11) WO 02/086717 (13) A1

(21) PCT/JP02/03645

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 2001-116347 16 Apr/avr 2001 JP
(16.04.2001)

(30) 2001-184010 18 Jun/juin 2001 JP
(18.06.2001)

(30) 2001-186108 20 Jun/juin 2001 JP
(20.06.2001)

(30) 2001-213484 13 Jul/juil 2001 JP
(13.07.2001)

(30) 2001-234498 2 Aug/août 2001 JP
(02.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPUTER VIRUS CHECK DEVICE
AND METHOD

• DISPOSITIF ET PROCEDE DE DETEC-
TION DE VIRUS INFORMATIQUES

(71) XAXON R & D CORPORATION [JP/JP];
Ohtemachi Tatemono Kamiyacho Building
5th Floor, 12-13, Toranomom 5-chome, Mi-
nato-ku, Tokyo 105-0001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOSHII, Kiyotoshi [JP/JP]; c/o
XAXON R & D CORPORATION,
Ohtemachi Tatemono Kamiyacho Build-
ing 5th Floor, 12-13, Toranomom 5-chome,
Minato-ku, Tokyo 105-0001 (JP).

(74) OHKI, Kenichi; OHKI PATENT OFFICE,
15-1-205, Yushima 2-chome, Bunkyo-ku,
Tokyo 113-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 11/00, 13/00, H04L 9/00, 9/08, 9/32

(11) WO 02/086718 (13) A1

(21) PCT/US02/12470

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,914 18 Apr/avr 2001 US
(18.04.2001)

(30) 10/117,868 5 Apr/avr 2002 US
(05.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR SE-
CURELY AUTHENTICATING NET-
WORK ACCESS CREDENTIALS FOR
USERS

• PROCEDE ET SYSTEME D'AUTHEN-
TIFICATION SECURISEE DES ELE-
MENTS DE CERTIFICATION D'ACCES
AU RESEAU DES UTILISATEURS

(71) IPASS, INC. [US/US]; 3800 Bridge Park-
way, Redwood City, CA 94065 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALBERT, Roy, David [US/US]; 6529
Fall River Drive, San Jose, CA 95120 (US).
EDGETT, Jeff, Steven [US/US]; 151 S.
Bernardo #24, Sunnyvale, CA 94086 (US).
SUNDER, Singam [IN/US]; 539 Isaac Court,
San Jose, CA 95136 (US). UNDERWOOD,
Jim [US/US]; 6896 Corte Sonada, Pleasan-
ton, CA 94566 (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).

Published / Publiée : (c)

(51)⁷ G06F 11/08

(11) WO 02/086719 (13) A2

(21) PCT/IB02/01332

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 01109905.8 24 Apr/avr 2001 EP
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED ERROR CORRECTION
SCHEME FOR USE IN FLASH MEM-
ORY ALLOWING BIT ALTERABILITY

• MECANISME DE CORRECTION D'ER-
REURS AMELIORE POUR MEMOIRE
FLASH PERMETTANT L'ALTERABI-
LITE DES BITS

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) GAPPISCH, Steffen; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). BAGGEN,
Constant, P., M., J.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). SLENT-
ER, Andre, G., J.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). GELKE,
Hans-Joachim; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) MEYER, Michael; 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 G06F 11/08

(11) WO 02/086720 (13) A2

(21) PCT/US02/12026

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/285,917 23 Apr/avr 2001 US
(23.04.2001)

(30) 10/061,521 31 Jan/jan 2002 US
(31.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR UP-
DATING AN ERROR-CORRECTING
CODE DURING A PARTIAL LINE
STORE

• PROCEDE ET APPAREIL DE MISE A
JOUR D'UN CODE DE CORRECTION
DES ERREURS PENDANT UNE MISE
EN MEMOIRE D'UNE LIGNE PAR-
TIELLE

(71) SUN MICROSYSTEMS, INC. [US/US];
901 San Antonio Road, Palo Alto, CA 94303
(US).

(72) CHAUDHRY, Shailender; 1200 Gough St.,
Apt. 10F, San Francisco, CA 94109 (US).
TREMBLAY, Marc; 140 Hanna Way, Menlo
Park, CA 94025 (US).

(74) PARK, Richard; 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 G06F 11/14

(11) WO 02/086721 (13) A1

(21) PCT/EP02/04327

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/838,366 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR IM-
PROVING RELIABILITY OF WRITE
BACK CACHE INFORMATION

• PROCEDE ET APPAREIL PERMET-
TANT D'AMELIORER LA FIABILITE
D'INFORMATIONS D'UN CACHE A
ECRITURE DIFFEREE

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armont, NY 10504 (US).

(for all designated States except / pour tous
les États désignés sauf MC)

(71) IBM FRANCE [FR/FR]; Tours Descartes, 2,
Avenue Gambetta, F-92066 Paris la Defense
Cedex (FR).

(only for / seulement pour MC)

(72) **JONES, Jeffrey, Allen;** 1844 Red Rock Drive, Round Clock, TX 78664 (US).
ROTHERT, Douglas, Scott; 11901 Hobby Horse Ct. - 1815, Austin, TX 78758 (US).

(74) **DE PENA, Alain;** Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/25

(11) WO 02/086722 (13) A1

(21) PCT/GB02/01821

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01303712.2 24 Apr/avr 2001 EP (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FAULT CLASSIFICATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE CLASSIFICATION DE DEFAILLANCES

(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) **AZVINE, Behnam** [GB/GB]; 6 Dodson Vale, Kesgrave, Ipswich, Suffolk IP5 2GT (GB). **NAÜCK, Detlef, Daniel** [DE/GB]; 32 Dodson Vale, Kesgrave, Ipswich, Suffolk IP5 2GT (GB).

(74) **LLOYD, Barry, George, William;** BT Group Legal, Intellectual Property Department, Holborn Centre 8th Floor, 120 Holborn, London EC1N 2TE (GB).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 11/28

(11) WO 02/086723 (13) A2

(21) PCT/US02/12603

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,974 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EMULATOR WITH SWITCHING NETWORK CONNECTIONS

• EMULATEUR DOTE DE CONNEXIONS DE RESEAU DE COMMUTATION

(71) **IKOS SYSTEMS, INC.** [US/US]; 79 Great Oaks Boulevard, San Jose, CA 95119 (US).

(72) **GOODE, Terry, Lee;** 1390 Sage Hen Way, Sunnyvale, CA 94087 (US).

(74) **WOO, Philip, W. et al. / etc.;** Skjerven Morrill LLP, Three Embarcadero Center, 28th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/30, H04L 9/00

(11) WO 02/086724 (13) A1

(21) PCT/US02/12936

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,689 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR ANALYZING LOGFILES

• SYSTEME ET PROCEDE D'ANALYSE DE FICHIERS DE TRACE

(71) **RECOURSE TECHNOLOGIES, INC.** [US/US]; 1600 Seaport Blvd., Suite 400, Redwood City, CA 94063 (US).

(72) **SORKIN, Stephen;** 810 Coleman Ave. #16, Menlo Park, CA 94025 (US). **LYLE, Michael;** 2844 Buena Knoll Court, San Jose, CA 95121 (US). **ROSS, Robert, F.;** 151 Calderon #334, Mountain View, CA 94041 (US). **MARICONDO, James, R.;** 872 Ames Court, Palo Alto, CA 94303 (US).

(74) **YI, Susan, C.;** Van Pelt & Yi, LLP, 4906 El Camino Real, Suite 205, Los Altos, CA 94022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 11/30

(11) WO 02/086725 (13) A1

(21) PCT/US02/07398

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 60/284,739 18 Apr/avr 2001 US (18.04.2001)

(30) 09/942,010 29 Aug/août 2001 US (29.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A SYSTEM AND METHOD FOR SECURE AND CONVENIENT MANAGEMENT OF DIGITAL ELECTRONIC CONTENT

• SYSTEME ET PROCEDE DE GESTION SECURISEE ET APPROPRIEE D'UN CONTENU ELECTRONIQUE NUMERIQUE

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MESSEGES, Thomas S.;** 151 Brookston Drive, Schaumburg, IL 60193 (US). **DABBISH, Ezzat A.;** 445 Adare Drive, Cary, IL 60013 (US). **PUHL, Larry.;** 1231 Fawn Hollow, West Dundee, IL 60118 (US). **VOGLER, Dean.;** 1231 Redwood Drive, Algonquin, IL 60102 (US).

(74) **NICHOLS, Daniel, K. et al. / etc.;** MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 11/30, 11/32, 11/34, G21C 17/00

(11) WO 02/086726 (13) A1

(21) PCT/US02/00947

(22) 11 Jan/jan 2002 (11.01.2002)

(25) en (26) en

(30) 09/832,166 10 Apr/avr 2001 US (10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DIAGNOSTIC SYSTEMS AND METHODS FOR PREDICTIVE CONDITION MONITORING

• SYSTEMES ET METHODES DE DIAGNOSTIC POUR LA SURVEILLANCE D'ETAT PREVENTIVE

(71) **SMARTSIGNAL CORPORATION** [US/US]; Suite 102, 4200 Commerce Court, Lisle, IL 60532 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEGERICHT, Stephan, W.** [US/US]; 133 Golfview Drive, Glendale Heights, IL 60139 (US). **WOLOSEWICZ, Andre** [US/US]; 2486 Brunswick A2, Woodridge, IL 60517 (US). **PIPKE, Robert, Matthew** [AU/US]; 1159 South East Avenue, Oak Park, IL 60304 (US).

(74) **HOFFMAN, Perry, J.;** Michael Best & Friedrich LLC, Suite 1900, 401 N. Michigan Avenue, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 02/086727 (13) A1
(21) PCT/DE02/01295
(22) 9 Apr/avr 2002 (09.04.2002)
(25) de (26) de
(30) 101 19 266.5 20 Apr/avr 2001 DE
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PROGRAM-CONTROLLED UNIT
• UNITE A COMMANDE PROGRAM-
MEE
(71) INFINEON TECHNOLOGIES AG
[DE/DE]; St-Martin-Str. 53, D-81669
München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) MAIER, Klaus, D. [DE/DE]; Auwiesen-
str. 4, 88400 Biberach (DE). KÖNIG,
Dietmar [DE/DE]; Schönstr. 35, 81543
München (DE). KOLOF, Andreas [DE/DE];
Wildmoosstr. 26, 82194 Gröbenzell (DE).
MAYER, Albrecht [DE/DE]; Jägerstr. 16,
82041 Deisenhofen (DE).
(74) JANNIG, Peter et al. / etc.; Jannig & Rep-
kow, Patentanwälte, Klausenberg 20, 86199
Augsburg (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 G06F 11/36
(11) WO 02/086728 (13) A1
(21) PCT/DE02/01296
(22) 9 Apr/avr 2002 (09.04.2002)
(25) de (26) de
(30) 101 19 265.7 20 Apr/avr 2001 DE
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PROGRAM-CONTROLLED UNIT
• UNITE A COMMANDE PROGRAM-
MEE
(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) MAIER, Klaus, D. [DE/DE]; Auwiesen-
str. 4, 88400 Biberach (DE). KÖNIG,
Dietmar [DE/DE]; Schönstr. 35, 81543
München (DE). KOLOF, Andreas [DE/DE];
Wildmoosstr. 26, 82194 Gröbenzell (DE).
MAYER, Albrecht [DE/DE]; Jägerstr. 16,
82041 Deisenhofen (DE).
(74) JANNIG, Peter et al. / etc.; Jannig & Rep-
kow, Klausenberg 20, 86199 Augsburg (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 G06F 12/00
(11) WO 02/086729 (13) A2
(21) PCT/IB02/01199
(22) 4 Apr/avr 2002 (04.04.2002)
(25) en (26) en
(30) 01201496.5 25 Apr/avr 2001 EP
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD AND DEVICES FOR STOR-
ING AND READING DATA ON A
STORAGE MEDIUM AND STORAGE
MEDIUM
• PROCEDE ET APPAREIL DE STO-
CKAGE ET LECTURE DE DONNEES
SUR UN SUPPORT DE STOCKAGE ET
SUPPORT DE STOCKAGE
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(72) TOL, Ronald, M.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). SCHOLL,
Gerrit, J.; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).
(74) DE VRIES, Jan; Internationaal Octrooibu-
reau B.V., Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 12/00
(11) WO 02/086730 (13) A2
(21) PCT/US02/02898
(22) 1 Feb/fév 2002 (01.02.2002)
(25) en (26) en
(30) 09/841,469 24 Apr/avr 2001 US
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MULTIPROCESSOR SYSTEM IM-
PLEMENTING VIRTUAL MEMORY
USING A SHARED MEMORY, AND
A PAGE REPLACEMENT METHOD
FOR MAINTAINING PAGED MEMORY
COHERENCE
• SYSTEME MULTIPROCESSEUR REA-
LISANT UNE MEMOIRE VIRTUELLE
A L'AIDE D'UNE MEMOIRE PARTA-
GEE, ET PROCEDE DE REMPLACE-
MENT DE PAGES MAINTENANT LA
COHERENCE D'UNE MEMOIRE A
PAGES
(71) ADVANCED MICRO DEVICES, INC.
[US/US]; One AMD Place, Mail Stop 68,
Sunnyvale, CA 94088-3453 (US).
-
- (72) DENEAU, Thomas, M.; 604 Rainbow Cove,
Austin, TX 78746 (US).
(74) DRAKE, Paul, S.; Advanced Micro Devices,
Inc., 5204 East Ben White Boulevard, Mail
Stop 562, Austin, TX 78741 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 G06F 12/02, G11B 27/10
(11) WO 02/086731 (13) A1
(21) PCT/IB02/01414
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 01201480.9 24 Apr/avr 2001 EP
(24.04.2001)
(30) 02075706.8 21 Feb/fév 2002 EP
(21.02.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • MAPPING OF CONSECUTIVE RE-
GIONS FOR INFORMATION BLOCKS
• MAPPAGE DE REGIONS CONSECU-
TIVES POUR BLOCS D'INFORMA-
TIONS
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(72) BAKX, Johannus, L.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). BRONDIJK,
Robert, A.; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).
(74) DEGUELLE, Wilhelmus, H., G.; Interna-
tionaal Octrooibureau B.V., Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 12/16
(11) WO 02/086732 (13) A1
(21) PCT/KR02/00712
(22) 18 Apr/avr 2002 (18.04.2002)
(25) ko (26) en
(30) 2001/22334 25 Apr/avr 2001 KR
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR PROTECTING FAILURE OF COMPUTER OPERATING SYSTEM

• PROCEDE ET DISPOSITIF DE PROTECTION CONTRE UNE DEFAILLANTE DU SYSTEME D'EXPLOITATION D'UN ORDINATEUR

(71) SUNGJIN C & C, LTD. [KR/KR]; 1543-6 Core Building Secho-dong, Seocho-ku, Seoul 137-073 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIM, In-Keon [KR/KR]; 100-304 Banpo APT Banpo Bon-dong, Seocho-ku, Seoul 137-049 (KR). JEONG, In-Hyo [KR/KR]; 103-1101 Dongbu APT, 691, Suji-ub, Pungdukchon-li, Yong-In City 449-846 (KR).

(74) WON, Tae-Young; Samhee Patent & Law Office, Suite 1905, Sung-Ji Heights III Building, 642-6 Yeoksam-dong, Gangnam-ku, Seoul 135-717 (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).

(51)⁷ G06F 13/00

(11) WO 02/086733 (13) A1

(21) PCT/IL01/01199

(22) 25 Dec/déc 2001 (25.12.2001)

(25) en (26) en

(30) 60/258,488 27 Dec/déc 2000 US (27.12.2000)

(30) 60/258,489 27 Dec/déc 2000 US (27.12.2000)

(30) 60/258,465 27 Dec/déc 2000 US (27.12.2000)

(30) 60/258,468 27 Dec/déc 2000 US (27.12.2000)

(30) 60/258,466 27 Dec/déc 2000 US (27.12.2000)

(30) 60/258,467 27 Dec/déc 2000 US (27.12.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHODS FOR NETWORK IMAGE DELIVERY WITH DYNAMIC VIEWING FRUSTUM OPTIMIZED FOR LIMITED BANDWIDTH COMMUNICATION CHANNELS

• SYSTEME ET PROCEDES DE DISTRIBUTION D'IMAGES RESEAU AVEC TRONC DE VISUALISATION DYNAMIQUE POUR VOIES DE COMMUNICATION A LARGEUR DE BANDE LIMITEE

(71) FLYOVER TECHNOLOGIES, INC. [IL/IL]; R & D Center, Nachal Besor Street 3, 47204 Ramat Hasharon (IL).

(72) LEVANON, Isaac; Nachal Besor Street 3, 47204 Ramat Hasharon (IL). LAVI, Yonathan; Bar Ilan Street 21, 43700 Raanana (IL).

(81) AU BR BY CA CN CO DE EC IL IN JP KR MX NZ RU SG SI SK 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 13/00

(11) WO 02/086734 (13) A1

(21) PCT/JP02/03787

(22) 16 Apr/avr 2002 (16.04.2002)

(25) ja (26) ja

(30) 2001-120981 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DELIVERY NOTIFICATION SERVER, DELIVERY NOTIFICATION METHOD, AND PROGRAM

• SERVEUR DE NOTIFICATION DE FOURNITURE, PROCEDE DE NOTIFICATION DE FOURNITURE, ET PROGRAMME CORRESPONDANT

(71) UNITED DIGITAL INC. [JP/JP]; Kyoto Research Park Bldg.#4, 1, Chudojiawata-cho, Shimogyo-ku, Kyoto, Kyoto 600-8815 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAWA, Koichi [JP/JP]; 301, Tomyregency, 7-3, Uguisudani-cho, Shibuya-ku, Tokyo 150-0032 (JP).

(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 13/12, 11/30

(11) WO 02/086735 (13) A1

(21) PCT/US02/12649

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,476 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC CAMERA IMAGE TRANSMITTAL SYSTEM

• SYSTEME DE TRANSMISSION AUTOMATIQUE D'IMAGE DE CAMERA

(71) DOTPHOTO [US/US]; American Enterprise Park at Ewing, 800 Silvia Street, West Trenton, NJ 08628 (US).

(72) PAUL, Glenn; 800 Silvia Street, West Trenton, NJ 08628 (US).

(74) WOODBRIDGE, Richard, C.; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (US).

(81) 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 G06F 15/00, 9/46, 12/00

(11) WO 02/086736 (13) A1

(21) PCT/JP02/03842

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-121813 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SERVER, COMPUTER SYSTEM, OBJECT MANAGEMENT METHOD, SERVER CONTROL METHOD, COMPUTER PROGRAM

• SERVEUR, SYSTEME INFORMATIQUE, PROCEDE DE GESTION D'OBJET, PROCEDE DE COMMANDE DE SERVEUR, PROGRAMME INFORMATIQUE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Armonk, NY 10504 (US). HIROSE, Shinichi [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKI, Naishin [CN/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). YAJIMA, Akio [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00

(11) WO 02/086737 (13) A1

(21) PCT/US02/12683

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,580 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR INTEGRATED, USER-DIRECTED WEB SITE TEXT TRANSLATION

• PROCEDE ET APPAREIL POUR UNE FONCTION INTEGREE DE TRADUCTION DE TEXTES DE SITES WEB ORIENTEE UTILISATEUR

- (71) WORDSNIFFER, INC. [US/US]; 7221 112th Avenue SE, Newcastle, WA 98056 (US).
- (72) LIN, Carol; 7221 112th Avenue SE, Newcastle, WA 98056 (US). KJELSTRUP, Jacob; 7221 112th Avenue SE, Newcastle, WA 98056 (US).
- (74) DAVISON, Barry, L.; Davis Wright Tremaine, LLP, 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/00, 15/16, 17/30, H04H 1/00
- (11) WO 02/086738 (13) A1
- (21) PCT/US02/12909
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 60/286,466 25 Apr/avr 2001 US (25.04.2001)
- (30) 10/021,855 13 Dec/déc 2001 US (13.12.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PERSONALIZATION SERVER UNIFIED USER PROFILE
- PROFIL UTILISATEUR UNIFIE POUR SERVEUR DE PERSONNALISATION
- (71) BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95131 (US).
- (72) BISSON, Michel; 4905 Noble Park Place, Boulder, CO 80301 (US). BREEDEN, Timothy; 4945 West 128th Place, Broomfield, CO 80020 (US). PACLAT, Charles; 114 Wolcott Street, Medford, MA 02155 (US). STAMM, Tom; 894 West Willow Street, Louisville, CO 80027 (US). WILLCOX, Steven; 4604 Lee Hill Drive, Boulder, CO 80302 (US).
- (74) MEYER, Sheldon, R. et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 15/00
- (11) WO 02/086739 (13) A1
- (21) PCT/US02/14059
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) en (26) en
- (30) 60/286,417 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM, METHOD AND APPARATUS FOR SELECTING, DISPLAYING, MANAGING, TRACKING AND TRANSFERRING ACCESS TO CONTENT OF WEB PAGES AND OTHER SOURCES
- SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER, PRESENTER, GERER, SUIVRE ET TRANSFERER UN ACCES A UN CONTENU DE PAGES WEB ET AUTRES SOURCES
- (71) SELL IT 3D, LLC. [US/US]; Suite 1809, 156 West 56th Street, New York, NY 10019 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GOLDSTEIN, Eric [US/US]; Apartment 7D, 310 East 70th Street, New York, NY 10021 (US). MACHESKY, Ralph, E. [US/US]; 392 Island Pond Road, Derry, NH 03038 (US). BABINEAU, Matthew [US/US]; 65 Eagle Nest Way, Manchester, NH 03104 (US). KRZANOWSKI, Derek [US/US]; 5801 86th Avenue, Pinellas Park, FL 33787 (US). THUMA, Henri [US/US]; Apartment 266, 5071 Foxbridge Circle N., Clearwater, FL 33760 (US).
- (74) SCHWEITZER, Fritz, L., III; Schweitzer Cornman Gross & Bondell LLP, 19th Floor, 292 Madison Avenue, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/02
- (11) WO 02/086740 (13) A2
- (21) PCT/JP02/03841
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 2001-118984 18 Apr/avr 2001 JP (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PORTABLE TERMINAL, OVERLAY OUTPUT METHOD, AND PROGRAM THEREFOR
- TERMINAL PORTABLE, PROCEDE DE SORTIE DE SUPERPOSITION ET PROGRAMME ASSOCIE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza kadoma, Kadoma-shi, Osaka 571-0050 (JP).
- (72) UEDA, Eiji; 227-1, Uchinoumi, Yasuura-chou, Toyota-gun, Hiroshima 729-2507 (JP).
- (74) FUKUI, Toyooki; Room 860, Uchihonmachi Matsuya Bldg.10th, 1-19, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (JP).
- (81) CN.
- (84) EP (DE FR GB).
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- (51)⁷ G06F 15/16, 19/00, G09B 5/06, 7/00
- (11) WO 02/086741 (13) A1
- (21) PCT/AU02/00504
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) PR 4540 20 Apr/avr 2001 AU (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTERACTIVE LEARNING AND CAREER MANAGEMENT SYSTEM
- SYSTEME INTERACTIF D'APPRENTISSAGE ET DE GESTION DE CARRIERE
- (71) CAREERS FAST TRACK PTY LTD [AU/AU]; 212 Kororoit Creek Road, Williamstown, Victoria 3016 (AU).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PHILLIPS, Nigel, Jude, Patrick [AU/AU]; 212 Kororoit Creek Road, Williamstown, Victoria 3016 (AU).
- (74) FREEHILLS CARTER SMITH BEADLE; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086742 (13) A1
- (21) PCT/US01/49607
- (22) 24 Oct/oct 2001 (24.10.2001)
- (25) en (26) en
- (30) 09/839,256 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WORLD WIDE WEB CONTENT SYNCHRONIZATION BETWEEN WIRELESS DEVICES

- SYNCHRONISATION DE CONTENU SUR LE WEB, ENTRE DISPOSITIFS DE COMMUNICATIONS SANS FIL

(71) **SBC TECHNOLOGY RESOURCES INC.** [US/US]; Bruce Stuckman, Legal Department, 9505 Arboretum Blvd., Austin, TX 78759 (US).

(72) **SURANARAYANA, Lalitha**; 9913 Liriope Cove, Austin, TX 78750 (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 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 **G06F 15/16, 15/173**

(11) **WO 02/086743** (13) A1

(21) PCT/US02/12695

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/285,577 **20 Apr/avr 2001 US (20.04.2001)**

(30) 09/945,160 **31 Aug/août 2001 US (31.08.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TECHNIQUES FOR SERVER-CONTROLLED MEASUREMENT OF CLIENT-SIDE PERFORMANCE

- TECHNIQUES DE MESURE CONTROLÉE PAR SERVEUR DES RENDEMENTS COTE CLIENT

(71) **ORACLE INTERNATIONAL CORPORATION** [US/US]; 500 Oracle Parkway, Redwood Shores, CA 95065 (US).

(72) **VIAVANT, Steven**; 90 Crocker, Piedmont, CA 94611 (US). **FAROOQ, Arsalan**; 2618 Greenwich Street, Apt. 1, San Francisco, CA 94123 (US). **MARFATIA, Jaydeep**; 3292 Colgate Avenue, Santa Clara, CA 95051 (US). **SHUKLA, Manu**; 10 De Sabla Road, Apt. 304, San Mateo, CA 94402 (US).

(74) **HICKMAN, Brian et al.** / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/16, 17/40**

(11) **WO 02/086744** (13) A1

(21) PCT/US02/12811

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/285,842 **23 Apr/avr 2001 US (23.04.2001)**

(30) 60/335,732 **18 Oct/oct 2001 US (18.10.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS, SYSTEMS AND EMAILS TO LINK EMAILS TO MATTERS AND ORGANIZATIONS

- PROCEDES, SYSTEMES ET COURRIERS ELECTRONIQUES DESTINES A LIER LES COURRIERS ELECTRONIQUES A DES OBJETS ET DES ORGANISATIONS

(71) **SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.** [US/US]; Suite 1600, 121 South Eighth Street, Minneapolis, MN 55402 (US).

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(71, 72) **SINHA, Pradeep** [US/US]; 1217 Earl Shores Lane, Burnsville, MN 55306 (US). **JAIN, Shal** [US/US]; 1428 Long Lake Road, New Brighton, MN 55112 (US). **BRENNAN, Thomas, F.** [US/US]; 16930 45th Avenue North, Plymouth, MN 55446 (US). **LUNDBERG, Steven, W.** [US/US]; 4517 Arden Avenue, Edina, MN 55424 (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 **G06F 15/16**

(11) **WO 02/086745** (13) A2

(21) PCT/US02/12969

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/285,905 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR SYNCHRONIZATION OF VIDEO DISPLAY OUTPUTS FROM MULTIPLE PC GRAPHICS SUBSYSTEMS

- SYSTEME ET PROCEDE DE SYNCHRONISATION DE SORTIE D'AFFICHAGE VIDEO A PARTIR DE PLUSIEURS SOUS-SYSTEMES GRAPHIQUES

(63) US Not furnished / non communiqué (CIP) Not furnished / non communiquée

(71) **QUANTUM 3D, INC.** [US/US]; 180 Great Oaks Boulevard, San Jose, CA 95119 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMMONDS, Alan, C.** [—/US]; 16975 Pine Way, Morgan Hill, CA 95037 (US). **SLADE, Paul, M.** [—/US]; 218 Sherry Court, San Jose, Ca 95119 (US).

(74) **KUO, Jung-Hua**; P.O. Box 3275, Los Altos, CA 94024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 15/16, H04N 5/445**

(11) **WO 02/086746** (13) A1

(21) PCT/US02/13125

(22) **25 Apr/avr 2002 (25.04.2002)**

(25) en (26) en

(30) 09/843,614 **25 Apr/avr 2001 US (25.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYNCHRONOUS UPDATING OF DYNAMIC INTERACTIVE APPLICATIONS

- MISE A JOUR SYNCHRONE D'APPLICATIONS INTERACTIVES DYNAMIQUES

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(72) **GEBHARDT, Bryan, C.**; 35620 McCarty Common, Fremont, C 94536 (US). **AZARM, Houman**; Apt. 6, 255 41st Street, Alameda, CA 94611 (US). **McCULLOUGH, Charles, N.**; 61 Agnes Street, Oakland, CA 94618 (US). **VALDIVIA, Edgard, S.**; 2185 Hayes Street #3, San Francisco, CA 94117 (US).

(74) **BRILL, Jeffrey 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 CO CR CU CZ 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 G06F 15/16

(11) WO 02/086747 (13) A1

(21) PCT/US02/13151

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,320 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTEGRATED GIGABIT ETHERNET PCI-X CONTROLLER
• CONTROLEUR PCI-X ETHERNET GIGABIT INTEGRE

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618 (US).

(72) LINDSAY, Steven, B.; 16215 Alton Parkway, Irvine, CA 92618 (US). HWANG, Andrew, SeungHo; 16215 Alton Parkway, Irvine, CA 92618 (US). NAYLOR, Andrew, M.; 16215 Alton Parkway, Irvine, CA 92618 (US). ASKER, Michael; 16215 Alton Parkway, Irvine, CA 92618 (US).

(74) PAULEY, Nicholas, J.; Christie, Parker & Hale, LLP, 350 West Colorado Boulevard, Suite 500, Pasadena, CA 91105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/173, 15/16

(11) WO 02/086748 (13) A1

(21) PCT/US02/11947

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,030 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR TESTING TRANSACTION CAPACITY OF SITE ON A GLOBAL COMMUNICATION NETWORK

• PROCEDE ET DISPOSITIF PERMETTANT DE TESTER LA CAPACITE TRANSACTIONNELLE D'UN SITE SUR UN RESEAU MONDIAL DE COMMUNICATION

(71) DISTRIBUTED COMPUTING, INC. [US/US]; 3605 Steck Avenue, Suite 1016, Austin, TX 78759 (US).

(72) HAYES, Randall, A.; 4280 Trinity Mills Road, #1115, Dallas, TX 75287 (US). ELLINGER, Hunter; 1622 Waterston Avenue, Austin, TX 78703 (US).

(74) HOWISON, Gregory, M. et al. / etc.; Howison, Thoma & Arnott, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 15/173

(11) WO 02/086749 (13) A1

(21) PCT/US02/12561

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,678 23 Apr/avr 2001 US (23.04.2001)

(30) Not furnished / 18 Apr/avr 2002 US non communiqué (18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RESOURCE LOCALIZATION
• LOCALISATION DES RESSOURCES

(71) NORTEL NETWORKS CORPORATION [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALEXANDER, Michael [CA/CA]; 5 Spruce Street, Stittsville, Ontario (CA). WIMBERLEY, James, F. [CA/CA]; 10 Elk Island Court, Kanata, Ontario (CA). WOLFF, Paul, D. [CA/CA]; 990 Synes Road, Ottawa, Ontario (CA). WELBOURN, Robert [US/US]; 24 Wilde Road, Waban, MA 02468-1325 (US).

(74) MALONEY, Denis, G.; 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 PL PT RO RU SD SE SG SI SK SL TJ TM 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 G06F 15/173, G09G 5/00

(11) WO 02/086750 (13) A1

(21) PCT/US02/06443

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en

(26) en

(30) 60/273,044 2 Mar/mar 2001 US (02.03.2001)

(30) 09/949,101 7 Sep/sep 2001 US (07.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR FILTERING MESSAGES BASED ON CONTEXT
• PROCEDE ET APPAREIL POUR FILTRER DES MESSAGES SUR LA BASE DU CONTEXTE

(71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).

(72) VINBER, Anders; 160 Bayview Road, Plandome Manor, NY 11030 (US).

(74) LECH, Robert, R.; Calfee, Halter & Griswold LLP, 1650 Fifth Third Center, 21 East State Street, Columbus, OH 43215-4243 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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

(11) WO 02/086751 (13) A1

(21) PCT/US02/13091

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,320 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ALERTE STANDARD FORMAT MEMORY LOADING AND HANDLING

• SYSTEME ET PROCEDE DE CHARGEMENT ET GESTION DE MEMOIRE AU FORMAT ASF

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(72) LINDSAY, Steven, B.; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). HWANG, Andrew, SeungHo; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). NAYLOR, Andrew, M.; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(74) BURBACH, Stephen, D.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/00

(11) WO 02/086752 (13) A1

(21) PCT/KR01/00976

(22) 8 Jun/juin 2001 (08.06.2001)

(25) en (26) en

(30) 60/285,044 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR VISUALIZATION AND MANIPULATION OF REAL 3-D OBJECTS IN NETWORKED ENVIRONMENTS

• PROCEDE ET APPAREIL PERMETTANT LA VISUALISATION ET LA MANIPULATION D'OBJETS REELS 3-D DANS DES ENVIRONNEMENTS RESEAUTIQUES

(71) OPEN VISUAL INC. [KR/KR]; 310 School-Work-Office Korea University 51 Ahnam-dong, Seungbuk-gu, Seoul36-701 (KR).

(72) SONG, Moon-Ho; Seoul National University, San 56-1, Shillim-dong, Kwanak-gu, 151-742 Seoul (KR).

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(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 UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, H02B 1/00, A47G 1/06, G09F 1/00

(11) WO 02/086753 (13) A1

(21) PCT/US02/12022

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,169 17 Apr/avr 2001 US (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DIGITAL AUDIO PLAYER

• LECTEUR AUDIO NUMERIQUE

(71, 72) CONNER, Timothy [US/US]; 6 Meadow Drive, Greenwich, CT 06831 (US).

(74) GROLZ, Edward, W. et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086754 (13) A1

(21) PCT/US02/12337

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,961 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INFORMATION ACCESS SYSTEM

• SYSTEME D'ACCES A L'INFORMATION

(71) INFORMATICA CORPORATION [US/US]; 3350 West Bayshore, Palo Alto, CA 94303 (US).

(72) NESAMONEY, Diaz; 238 Alameda de las Pulgas, Atherton, CA 94027 (US). MARKARIAN, James; 1442 6th Avenue, Belmont, CA 94002 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; Ladass & 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 G06F 17/10

(11) WO 02/086755 (13) A1

(21) PCT/US02/13131

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,428 24 Apr/avr 2001 US (24.04.2001)

(30) 60/305,423 13 Jul/juil 2001 US (13.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR PARALLEL SIGNAL PROCESSING

• PROCEDE ET DISPOSITIF DE TRAITEMENT PARALLELE DES SIGNAUX

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).

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(74) HARRIMAN, J., D., II; Coudert Brothers LLP, Suite 2300, 333 South Hope Street, Los Angeles, CA 90071 (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).

Published / Publiée : (c)

(51)⁷ G06F 17/14

(11) WO 02/086756 (13) A1

(21) PCT/US02/12081

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,456 19 Apr/avr 2001 US (19.04.2001)

(30) 10/125,816 18 Apr/avr 2002 US (18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DATA PROCESSOR WITH ENHANCED INSTRUCTION EXECUTION AND METHOD

• PROCESSEUR DE DONNEES AVEC EXECUTION D'INSTRUCTIONS AMELIOREES ET PROCEDE CORRESPONDANT

(71) ARC INTERNATIONAL (U.K.) LIMITED [US/US]; 2025 Gateway Place, Suite 140, San Jose, CA 95110 (US).

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(74) GAZDZINSKI, Robert, F.; Gazdzinski & Associates, 11440 West Bernardo Court, Suite 375, San Diego, CA 92127 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 17/28

(11) WO 02/086757 (13) A1

(21) PCT/IB01/00731

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONVERSION BETWEEN DATA REPRESENTATION FORMATS

- CONVERSION DE FORMATS DE REPRESENTATION DE DONNEES
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(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEWIN, Erland [SE/SE]; Bondegatan 81, 4 trasse, S-116 43 Stockholm (SE).
- (74) STOCKHOLMS PATENTBYRA ZACCO AB; P.O. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYNCHRONIZATION OF DATABASE DATA
- SYNCHRONISATION DES DONNEES D'UNE BASE DE DONNEES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUTINEN, Ari [FI/FI]; Pullerikinahde 4 G 14, FIN-Tampere 33710 (FI). 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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- 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)
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- (11) WO 02/086759 (13) A2
- (21) PCT/IB02/01413
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- (30) 101 19 549.4 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF CALLING UP OBJECT-SPECIFIC INFORMATION
- PROCEDE DE DEMANDE D'INFORMATIONS SPECIFIQUES D'UN OBJET
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CA CH CN 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 (DE).
(only for / seulement pour DE)
- (72, 75) LETTERER, Michael [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TIMM, Volker [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LUTZ, Rainer [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VOLMER, Georg; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) 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).
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- (51)⁷ G06F 17/30
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- (21) PCT/JP02/03511
- (22) 9 Apr/avr 2002 (09.04.2002)
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • META DATA CREATION APPARATUS AND META DATA CREATION METHOD
- APPAREIL DE CREATION DE META-DONNEES ET PROCEDE DE CREATION DE METADONNEES
- (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) TAKAHASHI, Katsunao [JP/JP]; 13-8-311, Oyaguchikami-cho, Itabashi-ku, Tokyo 173-0032 (JP). FUJIKAWA, Wataru [JP/JP]; 1722-3-406, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0054 (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).
- Published / Publiée : (b)
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- (51)⁷ G06F 17/30, C12N 15/00
- (11) WO 02/086761 (13) A1
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- (22) 17 Apr/avr 2002 (17.04.2002)
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- (30) 2001-368002 30 Nov/nov 2001 JP (30.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS OF RECORDING SEQUENTIAL DATA OF BIOLOGICAL SUBSTANCES
- PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES SEQUENTIELLES DE SUBSTANCES BIOLOGIQUES
- (71, 72) OMORI, Satoshi [JP/JP]; 11-7-627, Nishibori 4-chome, Saitama-shi, Saitama 338-0832 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 17/30, 17/00
- (11) WO 02/086762 (13) A1
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(12.04.2001)
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(54) • SYSTEM AND METHOD FOR ORGANIZING DATA
• SYSTEME ET PROCEDE D'ORGANISATION DE DONNEES
(71) INMENTIA, INC. [US/US]; 526 Pineville Road, Newtown, PA 18940-0330 (US).
(72) GRUENWALD, Bjorn, J.; 526 Pineville Road, Newtown, PA 18940-0330 (US).
(74) TOERING, Rick, A.; Cooley Godward LLP, Patent Group, 11951 Freedom Drive, One Freedom Square-Reston Town Center, Reston, VA 20190-5656 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F 17/30, 17/00, 15/18
(11) WO 02/086763 (13) A1
(21) PCT/US02/11967
(22) 17 Apr/avr 2002 (17.04.2002)
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(30) 60/284,503 **18 Apr/avr 2001** US
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(30) 10/123,707 **16 Apr/avr 2002** US
(16.04.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SYSTEM AND METHOD FOR ACCESSING DATABASE DESIGN INFORMATION
• SYSTEME ET PROCEDE D'ACCES AUX INFORMATIONS DE CONCEPTION D'UNE BASE DE DONNEES
(71, 72) GLUCKMAN, Howard [US/US]; 8557 Skyland Drive, Longmont, CO 80503 (US).
(74) JAROSIK, Gary, R.; Altheimer & Gray, 10 S. Wacker Drive, Suite 4000, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 60/285,942 **23 Apr/avr 2001** US
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(30) 10/076,866 **13 Feb/fév 2002** US
(13.02.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SYSTEM FOR AUDIO-VISUAL MEDIA USER CUSTOMIZATION
• SYSTEME DE PERSONNALISATION PAR L'UTILISATEUR D'UN SUPPORT AUDIOVISUEL
(71) ENVIVIO.COM, INC. [US/US]; 801 Gateway Boulevard, Suite 402, South San Francisco, CA 94080 (US).
(72) SIGNES, Julien; 69 Central Avenue, San Francisco, CA 94117 (US). TYAGI, Rahul; 1590 Oakland Road, Suite B206, San Jose, CA 95131 (US). DENIAU, Eric; La Prise, F-35190 La Baussaine (FR).
(74) SWERNOFSKY, Steven, A.; Swernofsky Law Group PC, P.O. Box 390013, Mountain View, CA 94039-0013 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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

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(21) PCT/US02/12852
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(25) en (26) en
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(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SYSTEM AND METHOD FOR DYNAMICALLY GENERATING CONTENT ON A PORTABLE COMPUTING DEVICE
• SYSTEME ET PROCEDE DE GENERATION DYNAMIQUE DE CONTENU SUR UN DISPOSITIF INFORMATIQUE PORTATIF
(71) WIDERAY CORPORATION [US/US]; 25 Maiden Lane, Suite 502, San Francisco, CA 94108 (US).

- (72) KATO, Saul; 701 Minna Street #13, San Francisco, CA 94103 (US).
(74) EWING, Thomas 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 CO CR CU CZ 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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(21) PCT/US02/13122
(22) 23 Apr/avr 2002 (23.04.2002)
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(30) 09/840,595 **23 Apr/avr 2001** US
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(54) • METHOD AND SYSTEM FOR PROVIDING A SERVICE IN A PHOTOREALISTIC, 3-D ENVIRONMENT
• PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UN SERVICE DANS UN ENVIRONNEMENT 3D PHOTOREALISTE
(71, 72) REDLICH, Arthur, Norman [US/US]; 30 Crest Drive, Metuchen, NJ 08840 (US).
(72) GOLDSMITH, John, M.; 1150 Park Ave., Apt. 15E, New York, NY 10128 (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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 09/843,286 **25 Apr/avr 2001** US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD AND SYSTEM FOR VISUAL NETWORK SEARCHING

- PROCEDE ET SYSTEME DESTINES A LA RECHERCHE VISUELLE SUR UN RESEAU
- (71) FRISKIT, INC. [US/US]; Suite 124, 699 Mississippi Street, San Francisco, CA 94107 (US).
- (72) EYAL, Aviv; 690 Pennsylvania Avenue #210, San Francisco, CA 94107 (US). SHOR, Shirley; 690 Pennsylvania Avenue #210, San Francisco, CA 94107 (US).
- (74) MAHAMED, Van et al. / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/086768 (13) A2
- (21) PCT/US02/07047
- (22) 8 Mar/mar 2002 (08.03.2002)
- (25) en (26) en
- (30) 60/274,302 8 Mar/mar 2001 US (08.03.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DATA STORAGE AND ACCESS EMPLOYING CLUSTERING
- STOCKAGE DE DONNEES ET ACCES UTILISANT LE REGROUPEMENT
- (71) TRIRIGA, INC. [US/US]; 4285 S. Polaris Avenue, Las Vegas, NV 89103 (US).
- (72) SPENCER, Herman; 6843 Vintage Highlands Lane, Las Vegas, NV 89110 (US).
- (74) VIERRA, Larry, E.; Vierra Magen Marcus Harmon & DeNiro LLP, Suite 540, 685 Market Street, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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).
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- (11) WO 02/086769 (13) A1
- (21) PCT/EA01/00003
- (22) 19 Jun/juin 2001 (19.06.2001)
- (25) ru (26) ru
- (30) 200100484 19 Apr/avr 2001 EA (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PUBLISHING, RETRIEVING, GATHERING AND EXCHANGING INFORMATION ON GLOBAL AND LOCAL NETWORKS
- PROCEDE DE PUBLICATION, DE RECHERCHE, DE COLLECTE ET D'ECHANGE D'INFORMATIONS DANS DES RESEAUX MONDIAUX OU LOCAUX
- (71, 72) ISAKOV, Sergei Vladimirovich [BY/BY]; ul. Kedysheko, 13-42, Minsk, 220012 (BY).
- (74) VINOGRADOV, Sergey Gennadievich; PAG, a/ya 114, Minsk, 220029 (BY).
- (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).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ G06F 17/50, G09B 29/00, G01C 15/00
- (11) WO 02/086770 (13) A1
- (21) PCT/AU02/00473
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) PR 4586 24 Apr/avr 2001 AU (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PARCEL NETWORKS
- RESEAUX DE PARCELLES
- (71) GEODATA INFORMATION SYSTEMS PTY LIMITED [AU/AU]; ACN 094 894 345, Unit 6, 54 Miller Street, North Sydney, NSW 2060 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLETCHER, Michael, James [AU/AU]; 57 Tryon Road, Lindfield, NSW 2070 (AU). ELFICK, Michael, Hele [AU/AU]; 44 Clarencetown Road, Wallalong, NSW 2370 (AU).
- (74) COWLE, Anthony, John et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/50, 9/45
- (11) WO 02/086771 (13) A1
- (21) PCT/US02/12974
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 09/840,747 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CIRCUIT GROUP DESIGN METHODOLOGIES
- METHODOLOGIES DE CONCEPTION DE GROUPE DE CIRCUITS INTEGRES
- (71) TELERATY SYSTEMS, INC. [US/US]; 595 Lawrence Expressway, Sunnyvale, CA 94085 (US).
- (72) SACHS, Howard, G.; 148 Garland Way, Los Altos, CA 94022 (US).
- (74) COLWELL, Robert, C. et al. / etc.; Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) 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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- Published / Publiée : (c)
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- (51)⁷ G06F 17/50
- (11) WO 02/086772 (13) A2
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- (25) en (26) en
- (30) 09/843,486 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTIMAL SIMULTANEOUS DESIGN AND FLOORPLANNING OF INTEGRATED CIRCUIT
- CONCEPTION ET DEFINITION DU PLAN DE MASSE SIMULTANEEES OPTIMALES DE CIRCUITS INTEGRES
- (71) BARCELONA DESIGN, INC. [US/US]; 39677 Eureka Drive, Newark, CA 94560 (US).
- (72) HASSIBI, Arash; Apt. 43, 2124 Rock Street, Mountain View, CA 94043 (US). HENTZ, Andre; 2354 California Street #4, Mountain View, CA 94040 (US). HERSHENSON, Mar; 211 College Avenue, Palo Alto, CA 94306 (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).

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 02/086773 (13) A1

(21) PCT/AU02/00488

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PR 4539 20 Apr/avr 2001 AU
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF TRACKING USER BEHAVIOUR WITHIN A COMMUNICATIONS NETWORK

• PROCEDE DE SUIVI DU COMPORTEMENT D'UN UTILISATEUR DANS UN RESEAU DE COMMUNICATION

(71) TRAFFION TECHNOLOGIES PTY LTD [AU/AU]; 278 City Road, South Melbourne, Victoria 3205 (AU).

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(74) FREEHILLS CARTER SMITH BEADLE; 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 G06F 17/60

(11) WO 02/086774 (13) A1

(21) PCT/BR01/00135

(22) 25 Oct/oct 2001 (25.10.2001)

(25) en (26) en

(30) PI 0101836-1 23 Apr/avr 2001 BR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CENTRALIZED NEGOCIATION AND OFFER SYSTEM AND RESPECTIVE OPERATIONAL METHODS OF OFFER, BUSINESSES AND MERCANTILE ACTIVITIES PROCESS APPLIED TO PRODUCTIVE SECTORS

• SYSTEME DE NEGOCIATIONS ET D'OFFRES CENTRALISE ET PROCEDES OPERATIONNELS D'ACTIVITES D'OFFRES, DE REALISATION D'AFFAIRES ET DE TRANSACTIONS COMMERCIALES APPLIQUES A LA PRODUCTIVITE

(71) GLOBALBIX S/A. [BR/BR]; Rua Joaquim Floriano, 834, Primeiro Andar, CEP-04534-003 São Paulo, SP (BR).

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(72, 75) De Almeida PRADO, Joaquim, Antonio [BR/BR]; Rua Joaquim Floriano, 834, Primeiro Andar, CEP-04534-003 São Paulo, SP (BR). VIRIATO, Edison [BR/BR]; Rua Joaquim Floriano, 834, Primeiro Andar, CEP-04534-003 São Paulo, SP (BR). VIRIATO, Eneas [BR/BR]; Rua Joaquim Floriano, 834, Primeiro Andar, CEP-04534-003 São Paulo, SP (BR). CARDOSO, Roberto, Mauri [BR/BR]; Rua Joaquim Floriano, 834, Primeiro Andar, CEP-04534-003 São Paulo, SP (BR).

(74) BRUNNER, GOUVEA & ALVARENGA S/C LTDA.; Rua Paes de Andrade, 118, CEP-01530-000 São Paulo, SP (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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)

Declarations / Déclarations :

(r) for the following designation / pour la désignation suivante : US

(s) for the following designations / pour les désignations suivantes : 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 GQ GW ML MR NE SN TD TG); (s) for the following designation / pour la désignation suivante : US

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ 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 designation / pour la désignation suivante : US

(51)⁷ G06F 17/60

(11) WO 02/086775 (13) A2

(21) PCT/CA02/00571

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 2,344,898 23 Apr/avr 2001 CA
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOBILE EMISSIONS DATA COLLECTION, AGGREGATION, AND TRADING

• COLLECTE, REGROUPEMENT ET ECHANGE DE DONNEES RELATIVES AUX DROITS D'EMISSIONS DES AUTOMOBILES

(71) TELETRIPS INC. [CA/CA]; 11016 Willowfern Drive SE, Calgary, Alberta T2J 1R7 (CA).

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(72, 75) FLEMING, Scott [CA/CA]; 11016 Willowfern Drive SE, Calgary, Alberta T2J 1R7 (CA).

(74) CALDWELL, Roseann, B.; Bennett Jones LLP, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta T2P 4K7 (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 G06F 17/60

(11) WO 02/086776 (13) A1

(21) PCT/FI02/00332

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 20010838 24 Apr/avr 2001 FI
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCEDURE AND ARRANGEMENT FOR CONTROLLING AND OPTIMIZING A PROCESS

• PROCEDURE ET SYSTEME POUR CONTROLER ET OPTIMISER UN PROCESSUS

(71) MCOMPETENCE OY [FI/FI]; Teknologiantie 2, FIN-90570 Oulu (FI).

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(72, 75) KESTI, Marko [FI/FI]; Kauppaporvarintie 15 A 5, FIN-90570 Oulu (FI).

(74) JVP-PALVELU OY; Torikatu 4, FIN-05800 Hyvinkää (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, B67D 5/08

(11) WO 02/086777 (13) A1

(21) PCT/FR02/01310

(22) 16 Apr/avr 2002 (16.04.2002)

(25) fr (26) fr

(30) 01/05407 20 Apr/avr 2001 FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR CONTROLLING AND MANAGING THE PROVISION AND DISTRIBUTION OF FUEL TO SERVICE STATIONS

- DISPOSITIF DE CONTROLE ET DE GESTION DE L'APPROVISIONNEMENT ET DE LA DISTRIBUTION DE CARBURANTS DANS LES STATIONS-SERVICE

(71) SELCO SA [FR/FR]; 35, allée du Mens, F-69100 Villeurbanne (FR).

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(72, 75) SELLES, Serge [FR/FR]; 35, allée du Mens, F-69100 Villeurbanne (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).

(51)⁷ G06F 17/60

(11) WO 02/086778 (13) A2

(21) PCT/GB02/01680

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 0109072.9 11 Apr/avr 2001 GB
(11.04.2001)(30) 0118672.5 31 Jul/juil 2001 GB
(31.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN AUTOMATED METHOD AND APPARATUS FOR AIDING CONVERGENCE IN NEGOTIATION

- PROCÉDÉ ET APPAREIL AUTOMATISÉS D'ASSISTANCE À LA CONVERGENCE DANS UNE NÉGOCIATION

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).

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(72, 75) BARTOLINI, Claudio [IT/GB]; 9 Du-maine Avenue, Bristol BS34 8XH (GB). BYDE, Andrew, Robert [GB/GB]; 160 Richmond Road, Bristol BS6 5ES (GB). PREIST, Christopher, William [GB/GB];

42 St. Andrews Road, Montpelier, Bristol BS6 5EH (GB).

(74) LAWRENCE, Richard, Anthony; Hewlett-Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 G06F 17/60, 153/00

(11) WO 02/086779 (13) A1

(21) PCT/IB02/02430

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 60/276,845 16 Mar/mar 2001 US
(16.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NETWORK-BASED PROCUREMENT SYSTEM AND METHOD

- PROCEDE ET SYSTEME D'APPROVISIONNEMENTS UTILISANT DES RESEAUX

(71) SAGACIOUS PROCUREMENT PTY LIMITED [AU/AU]; Level 28, St. Martins Tower, 31 Market Street, Sydney, NSW 2000 (AU).

(72) O'SHANASSY, Paul, G.; 112 Merrigang Street, Bowral, NSW 2575 (AU). CHEN, James, X.; 3/14 Brown Street, Chatswood, NSW 2067 (AU). CLOUGH, Lee, A.; #22 Werrington St., Bowral, NSW 2575 (AU). SIMPSON, Stuart, M., V.; Eagle Technology Group Ltd., Alexandra Park Greenlane West, Auckland (NZ). KYNE, Glen, M.; Unit 202/1 Warayma Place, Roselle, NSW 2039 (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 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 17/60

(11) WO 02/086780 (13) A1

(21) PCT/JP01/03276

(22) 17 Apr/avr 2001 (17.04.2001)

(25) ja

(26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MARK INFORMATION ISSUING METHOD AND SYSTEM

- PROCEDE ET SYSTEME DE FOURNITURE D'INFORMATIONS RELATIVES A DES MARQUES

(71) NTT COMMUNICATIONS CORPORATION [JP/JP]; 1-6, Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100-8019 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SHIMIZU, Tsuyoshi [JP/JP]; c/o NTT Communications Corporation, 1-6, Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100-8019 (JP). SASAKI, Hajime [JP/JP]; c/o NTT Communications Corporation, 1-6, Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100-8019 (JP). MATSUMOTO, Takashi [JP/JP]; c/o NTT Communications Corporation, 1-6, Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100-8019 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 17/60

(11) WO 02/086781 (13) A1

(21) PCT/JP01/03289

(22) 17 Apr/avr 2001 (17.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LIFE ENVIRONMENT AUTOMATING METHOD AND SYSTEM

- PROCEDE ET SYSTEME D'AUTOMATISATION D'UN CADRE DE VIE

(71) CAI CO., LTD [JP/JP]; 10-10, Kotobuki 2-chome, Taitou-ku, Tokyo 112-0042 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RYU, Tadimitsu [JP/JP]; Asia height, 5-5-201, Senzoku 3-chome, Taitou-ku, Tokyo 111-0031 (JP).

(74) NISHIMORI, Koji; AOI INTERNATIONAL PATENT FIRM, 401, Kyodo Bldg. Akasaka, 3-1, Akasaka 4-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 G06F 17/60

(11) WO 02/086782 (13) A1

(21) PCT/JP01/08373

- (22) 26 Sep/sep 2001 (26.09.2001)
- (25) ja (26) ja
- (30) 2001-122743 20 Apr/avr 2001 JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SETTLEMENT CERTIFICATION SYSTEM UTILIZING INFORMATION PROCESSING TERMINAL
• SYSTEME DE CERTIFICATION DE REGLEMENT UTILISANT UN TERMINAL DE TRAITEMENT D'INFORMATIONS
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (72, 75) MORI, Shinichiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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).
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- (51)⁷ G06F 17/60
- (11) WO 02/086783 (13) A1
- (21) PCT/JP02/01384
- (22) 18 Feb/fév 2002 (18.02.2002)
- (25) ja (26) ja
- (30) 2001-123349 20 Apr/avr 2001 JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMMODITY PURCHASING METHOD USING MOBILE TERMINAL
• PROCEDE D'ACHAT DE MARCHANDISES AU MOYEN D'UN TERMINAL MOBILE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). SANYO TELECOMMUNICATIONS CO., LTD. [JP/JP]; 1-1, Sanyocho, Daito-shi, Osaka 574-8534 (JP).
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- (72, 75) KAWASAKI, Hideji [JP/JP]; 221-2-N1-1201, Uchiage, Neyagawa-shi, Osaka 572-0802 (JP). KASHU, Hiroomi [JP/JP]; 1-11-11, Takasecho, Moriguchi-shi, Osaka 570-0053 (JP). OTSUKA, Shuji [JP/JP]; 1-23-51-A407, Inadaemachi, Higashiosaka-shi, Osaka 577-0002 (JP).

- (74) NISHIOKA, Nobuyasu; Sumitomo-seimei Onishi Bldg.10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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, 13/00
- (11) WO 02/086784 (13) A1
- (21) PCT/JP02/03823
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-123277 20 Apr/avr 2001 JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION
- (71, 72) MIYAKE, Nobuo [JP/JP]; 4-12-15, Shirokane, Minato-ku, Tokyo 108-0072 (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) SG US.
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- (51)⁷ G06F 17/60
- (11) WO 02/086785 (13) A1
- (21) PCT/KR02/00745
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) ko (26) en
- (30) 2001/21791 23 Apr/avr 2001 KR
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • THE ELECTRONIC SETTLEMENT SYSTEM, ELECTRONIC SETTLEMENT METHOD AND CASH PAYING METHOD USING LCD BARCODE DISPLAYED ON MOBILE TERMINAL
• SYSTEME ET PROCEDE DE TRAITEMENT ELECTRONIQUE ET PROCEDE DE PAIEMENT EN ESPECES AU MOYEN D'UN CODE A BARRES LCD AFFICHE SUR UN TERMINAL MOBILE
- (71) SECUBAY CORP. [KR/KR]; 405, Small Business Support Center, 23-14 Jang-dong, Yoosung-ku, Daejeon 305-343 (KR).
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- (72, 75) SHIN, Young-Cheol [KR/KR]; 112-702 Hyundai Apt., 577, Junggaebon-dong, Nowon-ku, Seoul 139-229 (KR). OH, Chang-Hwan [KR/KR]; 110-801 Hanwool Apt., Sinsung-dong, Yoosung-ku, Daejeon 305-345 (KR). KWON, Hyuck-Jin [KR/KR]; 202-704 Ggumnamu Apt., Dunsan-dong, Seo-ku, Daejeon 302-120 (KR).

- EOM, Doo-Seop [KR/KR]; 107-1905 Daejajon Apt., Gwanjeo-dong, Seo-ku, Daejeon 302-243 (KR).
- (74) KANG, Kyung-Chan; K2B Patent & Law Office, 912, Union Center Bldg, 837-11 Yeoksam-dong, Gangnam-gu (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 G06F 17/60
- (11) WO 02/086786 (13) A2
- (21) PCT/SI02/00010
- (22) 28 Mar/mar 2002 (28.03.2002)
- (25) en (26) en
- (30) P-200100103 13 Apr/avr 2001 SI
(13.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A SYSTEM FOR CHARGING SMALL AMOUNTS ON ONLINE NETWORKS
• SYSTEME DE CHARGEMENT DE PETITS MONTANTS SUR DES RESEAUX EN LIGNE
- (71) PRISTOP D.O.O. [SI/SI]; Trubarjeva cesta 79, 1000 Ljubljana (SI). ADACTA PROGRAMSKA OPREMA, D.O.O. [SI/SI]; Leskovskova 9D, 1000 Ljubljana (SI).
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- (72, 75) VOLK, Tomaz [SI/SI]; Linhartova 19, 1000 Ljubljana (SI).
- (74) ITEM D.O.O.; Resljeva 16, 1000 Ljubljana (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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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- Published / Publiée : (i)
-
- (51)⁷ G06F 17/60
- (11) WO 02/086787 (13) A1
- (21) PCT/US01/12991
- (22) 20 Apr/avr 2001 (20.04.2001)
- (25) en (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR MANAGING SUPPLY OF REPLACEMENT PARTS OF A PIECE OF EQUIPMENT

- PROCEDE ET SYSTEME PERMETTANT DE GERER L'APPROVISIONNEMENT EN PIECES DE RECHANGE D'UN APPAREIL
- (71) GENERAL ELECTRIC COMPANY [US/US]; One River Road, Schenectady, NY 12301 (US).
- (72) SQUELIA, Mark; 4603 Cherry Street, Erie, PA 16509 (US). SMITH, Gary; 4331 E. South Shore Drive, Erie, PA 16511 (US).
- (74) BENINATI, John, F.; GE International Patent Operation, 3135 Easton Turnpike, W3C, Fairfield, CT 06431-0001 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (51)⁷ G06F 17/60
- (11) WO 02/086788 (13) A1
- (21) PCT/US02/12131
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,909 19 Apr/avr 2001 US (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND SYSTEMS FOR PROCESSING OF FORMS FROM A CENTRAL DATABASE
- PROCEDES ET SYSTEMES DE TRAITEMENT DE FORMES A PARTIR D'UNE BASE DE DONNEES CENTRALE
- (71) FINANCIAL TECHNOLOGIES, LLC [US/US]; #17 Ginger Creek Meadow Place, Glen Carbon, IL 62034 (US).
- (72) EATON, Robert, G., Jr.; 105 Kingsbrooke Blvd., Glen Carbon, IL 62034 (US). DEVERS, Charles, H.; 1300 South Geyer Rd., Kirkwood, MO 63122 (US).
- (74) BEULICK, John, S. et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086789 (13) A1
- (21) PCT/US02/03649
- (22) 31 Jan/jan 2002 (31.01.2002)
- (25) en (26) en
- (30) 09/836,619 16 Apr/avr 2001 US (16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR CONDUCTING AN ON-LINE RAFFLE SESSION
- PROCEDE DE REALISATION D'UNE SEANCE DE TOMBOLA EN LIGNE
- (71, 72) SALLS, Darwin, Aldis [US/US]; 5861 S.W. 103rd Street Raod, Ocala, FL 34476-9375 (US).
- (81) 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 ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 02/086790 (13) A1
- (21) PCT/KR02/00192
- (22) 7 Feb/fév 2002 (07.02.2002)
- (25) ko (26) en
- (30) 2001/21831 23 Apr/avr 2001 KR (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR VIRTUAL GAME
- SYSTEME ET PROCEDE DE JEU VIRTUEL
- (71) GASIOPEIA CO., LTD. [KR/KR]; ICU Venture Business Incubation Center 32323, 58-4, Hwa-am-dong, Yusung-gu, Daejeon 305-732 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Chan-Jong [KR/KR]; Narae Apt. 109-1203, 462-4 Jeonmin-dong, Yuseong-gu, Daejeon 305-390 (KR). OH, Sang-Hun [KR/KR]; Dongnam Jangmi Apt. 2-103, Geumam 2-dong, Deokjin-gu, Jeonju-si, Jeonbuk 561-182 (KR).
- (74) KIM, Won-joon; 305 Soohyub Building, 917 Dunsan-dong, Seo-gu, Daejeon 302-828 (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).
-
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 // 159:00
- (11) WO 02/086791 (13) A1
- (21) PCT/NO02/00149
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 2001 2023 25 Apr/avr 2001 NO (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR SAFE TRANSFER OF PATIENT DATA ON A DATA CARRIER
- PROCEDE DE TRANSFERT SECURISE DE DONNEES SUR LES PATIENTS DANS UNE PORTEUSE DE DONNEES
- (71) WORLD MEDICAL CENTER (HOLDING) SA [CH/CH]; 2, rue Vallin, P.O. Box 5554, CH-1211 Geneva 11 (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VEIDUNG, Arne [NO/NO]; Våk-leivbakken 155, N-5155 Bones (NO).
- (74) AS BERGEN PATENTKONTOR; C. Sundtsgt. 36, N-5004 Bergen (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 19/00
- (11) WO 02/086792 (13) A2
- (21) PCT/US02/12871
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/841,155 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CORRELATION OF SENSOR SIGNALS WITH SUBJECTIVE INFORMATION IN PATIENT MONITORING
- CORRELATION DE SIGNAUX DE CAPTEUR AVEC DES INFORMATIONS SUBJECTIVES DE SURVEILLANCE DE PATIENT
- (71) CARDIONET, INC. [US/US]; 510 Market Street, San Diego, CA 92101 (US).
- (72) MARABLE, William, R.; 6613 Corte Real, Carlsbad, CA 92009 (US).
- (74) COVERSTONE, Thomas, E.; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086793 (13) A2

(21) PCT/US02/12874

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,154 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR CONTROLLING ACCESS TO MEDICAL MONITORING DEVICE SERVICE

- PROCEDE DE COMMANDE D'ACCES A UN SERVICE DE DISPOSITIF DE SURVEILLANCE MEDICALE

(71) CARDIONET, INC. [US/US]; 6199 Cornerstone Court East, Suite 106, San Diego, CA 92121 (US).

(72) EVELAND, Doug C.; 6590 Ambrosia #1421, Carlsbad, CA 92009 (US). MARABLE, William R.; 6613 Corte Real, Carlsbad, CA 92009 (US). ROGERS, Bobby E.; 3525 Del Mar Heights Road #430, San Diego, CA 92130 (US).

(74) COVERSTONE, Thomas E.; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, G01N 33/48

(11) WO 02/086794 (13) A1

(21) PCT/US02/12903

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/839,629 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEMS AND METHODS FOR TESTING A BIOLOGICAL SAMPLE

- SYSTEMES ET PROCEDES D'ANALYSE D'UN ECHANTILLON BIOLOGIQUE

(63) US 09/839,629 (CIP) 20 Apr/avr 2001 (20.04.2001)

(71) SEQUENOM, INC. [US/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OPALSKY, David [US/US]; 10552 Corte Jardin Del Mar, San Diego, CA 92130 (US). YIP, Ping [US/US]; 3641 Copley Avenue, San Diego, CA 92116 (US). BHAKTA, Kishorchandra [US/US]; 14540 Seabridge Lane, San Diego, CA 92128 (US).

(74) SEIDMAN, Stephanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 7th Floor, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 G06G 7/19

(11) WO 02/086795 (13) A1

(21) PCT/US02/12294

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/839,184 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CHARGE AMPLIFIER DEVICE HAVING FULLY INTEGRATED DC STABILIZATION

- DISPOSITIF AMPLIFICATEUR DE CHARGE A STABILISATION CC TOTALEMENT INTEGREE

(71) THE CHARLES STARK DRAPER LABORATORY, INC. [US/US]; 555 Technology Square, Cambridge, MA 02139 (US).

(72) HILDEBRANT, Eric, M.; 73 Springfield Street, Watertown, MA 02472 (US). WARD, Paul, A.; Apt. #3, 153 Cornell Street, Roslindale, MA 02131 (US). BOUSQUET, Robert, A.; 11 Hudson Street, Somerville, MA 02143 (US). MARTINEZ, Shida, Iep; 30 Kathleen Drive, Andover, MA 01810 (US). HALEY, Harold, Ralph; 19 Dean Road, Reading, MA 01867 (US).

(74) LAPPIN, Mark, G. et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (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).

Published / Publiée : (c)

(51)⁷ G06G 7/48, 7/50, 7/58

(11) WO 02/086796 (13) A1

(21) PCT/US02/12160

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,716 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VOLUME BODY RENDERER

- UNITE DE RENDU DE CORPS VOLUMIQUES

(71) LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY [US/US]; 4100 Clinton Drive, Bldg.1, Ofc. 640, Houston, TX 77020 (US).

(72) CALLEGARI, Andres, C.; 1333 Eldridge Parkway, Apartment 1511, Houston, TX 77077 (US).

(74) MAXWELL, Lawrence, D.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street N.E., Atlanta, GA 30303-1811 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06G 7/48, 7/58

(11) WO 02/086797 (13) A1

(21) PCT/US02/06603

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 60/273,733 6 Mar/mar 2001 US (06.03.2001)

(30) 60/273,734 6 Mar/mar 2001 US (06.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIMULATION METHOD FOR DESIGNING CUSTOMIZED MEDICAL DEVICES

- PROCEDE DE SIMULATION POUR CONCEPTION DE DISPOSITIFS MEDICAUX PERSONNALISES
- (71) **THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE** [—/US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).
- (72) **ANDERSON, James, A.**; 9813 Davidge Drive, Columbia, MD 21044 (US). **BRODY, William, R.**; Nichols House 3400, North Charles Street, Baltimore, MD 21044 (US). **CHUI, Chee-Kong**; Blk 325 Yishun Central, #12-373, Singapore 760325 (SG). **WANG, Yaoping**; Blk 3 Normanton Park Road, #03-175, Normanton Park, Singapore 119000 (SG). **CAI, Yiyu**; Blk 547 Jurong West St. 42, #08-145, Singapore 640547 (SG). **NOWINSKI, Wieslaw, L.**; 111 Clementi Road, #10-06, Nus Kent Vale, Blk C, Singapore 129792 (SG).
- (74) **REES, Dianne**; Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group Edward's & 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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 **G06K**
- (11) **WO 02/086798** (13) A2
- (21) PCT/US02/12426
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 09/839,439 **20 Apr/avr 2001 US (20.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND APPARATUS FOR ARCHIVING, INDEXING AND ACCESSING AUDIO AND VIDEO DATA
- PROCEDES ET APPAREILS D'ARCHIVAGE, D'INDEXAGE ET D'ACCESION A DES DONNEES AUDIO ET VIDEO
- (71) **FRONT PORCH DIGITAL INC.** [US/US]; 1810 Chapel Ave West, Suite 130, Cherry Hill, NJ 08002 (US).
- (72) **YOGESHWAR, Jay**; 34 Anthony Lane, Lawrenceville, NJ 08648 (US). **MARTUCCI, Stephen, A.**; 13 Lehigh Drive, Kendall Park, NJ 08824 (US). **GUPTA, Bobby, R.**; 1 Pickering Drive, Robbinsville, NJ 08691 (US). **FENDT, Melanie, R.**; 18 Dean Lane, Cherry Hill, NJ 08034 (US). **VENZIE, Frederick, M., III**; 109 Crooked Lane, Cherry Hill, NJ 08034 (US).
- (74) **STRAUB, Michael, P.**; Straub & Pokotylo, 1 Bethany Road, Suite 83, Bldg. 6, Hazlet, NJ 07730 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 designations
(t) for all designations / pour toutes les designations
-
- (51)⁷ **G06K 9/00, G06F 3/023**
- (11) **WO 02/086800** (13) A1
- (21) PCT/DE02/00940
- (22) **15 Mar/mar 2002 (15.03.2002)**
- (25) de (26) de
- (30) 101 20 067.6 **24 Apr/avr 2001 DE (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOBILE COMMUNICATION TERMINAL
- TERMINAL DE COMMUNICATION MOBILE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JERBL, Belhassen** [TN/DE]; Truderinger Strasse 343, 81825 München (DE). **LAUMEN, Josef** [DE/DE]; Wichernstrasse 29 b, 31141 Hildesheim (DE). **SCHMIDT, Andreas** [DE/DE]; Neustadttring 48, 38114 Braunschweig (DE). **TRAUBERG, Markus** [DE/DE]; Valkeakoskistrasse 6, 38159 Vechede (DE). **VAN NIEKERK, Sabine** [NL/DE]; Erich-Ollenhauer-Strasse 126, 38228 Salzgitter (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
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- (51)⁷ **G06K 9/00, G10L 17/00**
- (11) **WO 02/086801** (13) A1
- (21) PCT/IB02/01311
- (22) **11 Apr/avr 2002 (11.04.2002)**
- (25) en (26) en
- (30) 01201393.4 **17 Apr/avr 2001 EP (17.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS OF MANAGING INFORMATION ABOUT A PERSON
- PROCEDE ET APPAREIL DE GESTION D'INFORMATION CONCERNANT UNE PERSONNE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **CHANG, Ying-Hui**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LIAO, Yuan-Fu**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **YEH, Li-Fen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HORNG, JYK-Kuen**; 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 IN 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 **G06K 9/00, H04B 1/00**
- (11) **WO 02/086802** (13) A1
- (21) PCT/US02/12019
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) en (26) en

(30) 09/837,757 17 Apr/avr 2001 US
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FINGERPRINT SENSOR WITH FEATURE AUTHENTICATION

• CAPTEUR D'EMPREINTES DIGITALES AVEC AUTHENTIFICATION DE CARACTERISTIQUES

(63) US 09/837,757 (CON)
17 Apr/avr 2001 (17.04.2001)

(71, 72) KINSELLA, David, J. [US/US]; 117 Medalist, Austin, TX 78734 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/00, G06F 17/30

(11) WO 02/086803 (13) A1

(21) PCT/US02/12171

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,514 20 Apr/avr 2001 US
(20.04.2001)

(30) 60/315,569 28 Aug/août 2001 US
(28.08.2001)

(30) 10/126,921 18 Apr/avr 2002 US
(18.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • USER-FRIENDLY RIGHTS MANAGEMENT SYSTEM AND METHODS

• SYSTEME DE GESTION DE DROITS FACILE D'UTILISATION ET PROCEDES CORRESPONDANTS

(71) DIGIMARC CORPORATION [US/US]; 19801 SW 72nd Avenue, Suite 100, Tualatin, OR 97062 (US).
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(72, 75) LEVY, Kenneth, L. [US/US]; 110 NE Cedar Street, Stevenson, WA 98648 (US).
RHOADS, Geoffrey, B. [US/US]; 2961 SW Turner Road, West Linn, OR 97068 (US).
HIATT, R., Stephen [US/US]; 3210 SW Gale Avenue, Portland, OR 97201 (US).

(74) STEWART, Steven, W.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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)

(51)⁷ G06K 9/00

(11) WO 02/086804 (13) A1

(21) PCT/US02/12265

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/285,390 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGE PROCESSING SYSTEM FOR MULTI-BEAM INSPECTION

• SYSTEME DE TRAITEMENT D'IMAGE POUR INSPECTION A FAISCEAUX MULTIPLES

(71) MULTIBEAM SYSTEMS, INC. [US/US]; 2238 Martin Avenue, Santa Clara, CA 95050 (US).

(72) MILLER, Stephen, Daniel; 940 Festa Aglio Court, Gilroy, CA 95020 (US).
PARKER, Norman, William; 2611 Burrell Drive, Fairfield, CA 94533 (US).
HOBMANN, Steven, B.; 3119 La Casa Court, Thousand Oaks, CA 91362 (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 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 G06K 9/32, 7/10, G08G 1/017

(11) WO 02/086805 (13) A1

(21) PCT/IB02/01206

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 2001/3201 19 Apr/avr 2001 ZA
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IDENTIFYING OBJECTS CARRYING AN ALPHABETIC AND/OR NUMERICAL IDENTIFICATION NUMBER

• IDENTIFICATION D'OBJETS PORTANT UN NUMERO D'IDENTIFICATION ALPHABETIQUE ET/OU NUMERIQUE

(71) I.T. VISION SOLUTIONS (PROPRIETARY) LIMITED [ZA/ZA]; Suite 303, Block A, Eva Park, Corner Judges and D F Malan Drive, 2194 CRESTA (ZA).
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(72, 75) CRONJE, Hendrik, Albertus [ZA/ZA]; 8 Catherina Street, Brackenhurst, 1450 ALBERTON (ZA).

(74) VAN DER WALT, Louis, Stephanus; 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 G06K 9/62

(11) WO 02/086806 (13) A1

(21) PCT/EP02/02171

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) 101 10 275.5 2 Mar/mar 2001 DE
(02.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR THE IDENTIFICATION OF STORED INFORMATION

• PROCEDE POUR IDENTIFIER DES INFORMATIONS ENREGISTREES

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLOGER, Joachim [DE/DE]; Ziegeleiweg 10, 89346 Bibertal (DE).
HAHN, Stefan [DE/DE]; Ochsensteige 69, 89075 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 15/00

(11) WO 02/086807 (13) A1

(21) PCT/US02/11364

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/284,836 19 Apr/avr 2001 US
(19.04.2001)

(30) 60/292,113 18 May/mai 2001 US
(18.05.2001)

(30) 60/308,699 30 Jul/juil 2001 US
(30.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMBINED IMAGING CODED DATA SOURCE DATA ACQUISITION
 • ACQUISITION DE DONNEES D'UNE SOURCE DE DONNEES CODEES, PAR IMAGERIE COMBINEE

(71, 72) REIFFEL, Leonard [US/US]; 602 Deming Place, Chicago, IL 60614 (US).

(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).

Published / Publiée : (c)

(51)⁷ G06K 17/00, 19/073, G06F 12/14, 15/00, H04Q 7/38

(11) WO 02/086808 (13) A1

(21) PCT/JP02/03789

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118795 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • INFORMATION PROTECTIVE SYSTEM AND INFORMATION PROTECTIVE METHOD
 • SYSTEME ET PROCEDE DE PROTECTION D'INFORMATIONS

(71) MOBILTY CO., LTD. [JP/JP]; 16-9, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(72) SAKAKIBARA, Tatsuhiko; 8F, Kouraiya Building, 8-5, Ebisunishi 2-chome, Shibuya-ku, Tokyo 105-0021 (JP). KASUGA, Ichiro; 10-3-410, Kamiyugi 3-chome, Hachioji-shi, Tokyo 192-0373 (JP).

(74) SUZUKI, Seigoh; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/00, 19/08, G11B 20/10, 23/30, B42D 15/10

(11) WO 02/086809 (13) A1

(21) PCT/JP02/03814

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118842 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPOSITE IC MODULE COMPRISING RECORDING DISC AND ITS DATA RECORDING/REPRODUCING METHOD

- MODULE DE CIRCUIT INTEGRE COMPOSITE COMPRENANT UN DISQUE D'ENREGISTREMENT ET PROCEDE D'ENREGISTREMENT/REPRODUCTION DE DONNEES

(71) SMART CARD CO., LTD. [JP/JP]; 5-15, Utubohonmachi 2-chome,, Nishi-ku, Osaka-shi., Osaka 550-0004, (JP).

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(72, 75) ARIMURA, Kunitaka [JP/JP]; 2286-12, Shimoterao, Chigasaki-shi, Kanagawa 253-0081 (JP). SAKAMOTO, Yasuaki [JP/JP]; 23-43, Kakinokimata, Amarubecho, Kameoka-shi, Kyoto 621-0806 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Building, 8-14, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/00, 19/06

(11) WO 02/086810 (13) A1

(21) PCT/US02/07363

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 09/838,954 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND APPARATUS OF SECURE CREDIT CARD TRANSACTION
 • PROCEDE ET APPAREIL POUR LES TRANSACTIONS SECURISEES PAR CARTES DE CREDIT

(71, 72) LI, Chuan [CN/US]; 36229 Magellan Dr., Fremont, CA 94536 (US).

(74) LEE, Otto, O.; Intellectual Property Law Group LLP, 12 South First Street, Suite 1205, San Jose, CA 95113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/07, G01S 13/75, H02J 7/00, 17/00, B42D 15/10

(11) WO 02/086811 (13) A1

(21) PCT/JP02/03815

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118844 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPOSITE IC MODULE

- MODULE COMPOSITE A CIRCUIT INTEGRE (IC)

(71) SMART CARD CO., LTD. [JP/JP]; 5-15, Utubohonmachi 2-chome,, Nishi-ku, Osaka-shi., Osaka 550-0004, (JP).

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(72, 75) ARIMURA, Kunitaka [JP/JP]; 2286-12, Shimoterao, Chigasaki-shi, Kanagawa 253-0081 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Building, 8-14, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/077, B42D 15/10, H01L 25/00

(11) WO 02/086812 (13) A1

(21) PCT/JP02/03816

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-118845 17 Apr/avr 2001 JP (17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • IC CHIP MODULE AND IC CARD

- MODULE PUCE A CIRCUIT INTEGRE ET CARTE A CIRCUIT INTEGRE (IC)

(71) SMART CARD CO., LTD. [JP/JP]; 5-15, Utubohonmachi 2-chome,, Nishi-ku, Osaka-shi., Osaka 550-0004, (JP).

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(72, 75) ARIMURA, Kunitaka [JP/JP]; 2286-12, Shimoterao, Chigasaki-shi, Kanagawa 253-0081 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Building, 8-14, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06N 1/00

(11) WO 02/086813 (13) A2

(21) PCT/CA02/00532

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,637 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • QUANTUM BIT WITH A MULTI-TERMINAL JUNCTION AND LOOP WITH A PHASE SHIFT
• BIT QUANTIQUE A JONCTION MULTITERMINALE ET BOUCLE A DEPHASAGE

(71) D-WAVE SYSTEMS INC. [CA/CA]; 1985 West Broadway, Suite 320, Vancouver, British Columbia V6J 4Y3 (CA).

(72) AMIN, Mohammad, H., S.; 305-1465 W. 12th Avenue, Vancouver, British Columbia V6H 1M7 (CA). DUTY, Timothy; #802-1340 W. 12th Avenue, Vancouver, British Columbia V6H 1M5 (CA). OMELYANCHOUK, Alexander; 61842 Gaubaldi Avenue, Apt. 7A (UA). ROSE, Georgie; 114-1424 Walnut Street, Vancouver, British Columbia V6J 3R3 (CA). ZAGOSKIN, Alexandre; 2005 W. 8th Avenue, Vancouver, British Columbia V5N 1V3 (CA). BLAIS, Alexandre; 1413 Lafleche, Sherbrooke, Quebec J1K 2Y9 (CA).

(74) MCGRAW, James et al. / etc.; Smart & Biggar, P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06N 7/02

(11) WO 02/086814 (13) A1

(21) PCT/US02/13069

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/840,286 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN ON-LINE METHOD FOR SELF-ORGANIZED LEARNING AND EXTRACTION OF FUZZY RULES

• PROCEDE D'APPRENTISSAGE ET D'EXTRACTION DE REGLES FLOUES AUTO-ORGANISES EN LIGNE

(71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265 (US).

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(72, 75) SRINIVASA, Narayan [US/US]; 4274 Countrymeadow Street, Moorpark, CA 93021 (US). MEDASANI, Swarup, S. [IN/US]; 1630 Camino Olmo #F, Thousand Oaks, CA 91320 (US).

(74) TOPE-MCKAY, Cary, R.; Tope-McKay & Associates, 23852 Pacific Coast Highway #311, Malibu, CA 90265 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06T 1/00, 17/00

(11) WO 02/086815 (13) A1

(21) PCT/IB02/01455

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/840,796 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • THREE-DIMENSIONAL RECONSTRUCTION FROM SHADOWS

• RECONSTRUCTION TRIDIMENSIONNELLE A PARTIR D'OMBRES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) ROELOFS, Gregory, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VERDONK, Peter, L., F., M.; 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 G06T 1/20

(11) WO 02/086816 (13) A1

(21) PCT/SE02/00684

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/838,323 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PROCESSING A STREAM OF PICTURES

• PROCEDE DE TRAITEMENT D'UN FLOT D'IMAGES

(71) DIGITAL VISION AB [SE/SE]; Uplagsvägen 1-5, S-11743 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEISS, Peter [SE/SE]; Oskar Bäckströms väg 13, S-12935 Hägersten (SE). CHRISTENSSON, Björn [SE/SE]; Solstigen 4, S-13146 Nacka (SE). APPELQUIST, Göran [SE/SE]; Pingstvägen 11, S-12636 Hägersten (SE).

(74) EHRNER & DELMAR PATENTBYRÅ AB; Box 103 16, S-100 55 Stockholm (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 DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 1/60

(11) WO 02/086817 (13) A1

(21) PCT/EP02/03714

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01610043.0 19 Apr/avr 2001 EP (19.04.2001)

(30) 60/287,042 26 Apr/avr 2001 US (26.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADAPTIVE MEMORY ALLOCATION
• ATTRIBUTION DE MEMOIRE ADAPTATIVE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSSON, Ted [SE/SE]; Trelleborgsgatan 2A, S-214 35 Malmö (SE). TRAN, To [SE/SE]; Gamlavägen 7b, S-265 39 Ästorp (SE).

(74) HOFMAN-BANG ZACCO A/S; Hans Bekkevoelds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/00

(11) WO 02/086818 (13) A2

(21) PCT/IB02/01312

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 01201436.1 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGE PROCESSING APPARATUS FOR AND METHOD OF IMPROVING AN IMAGE AND AN IMAGE DISPLAY APPARATUS COMPRISING THE IMAGE PROCESSING APPARATUS

- APPAREIL ET PROCEDE DE TRAITEMENT D'IMAGE DESTINES A AMELIORER UNE IMAGE ET APPAREIL D'AFFICHAGE D'IMAGE RENFERMANT LEDIT APPAREIL DE TRAITEMENT D'IMAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) NICOLAS, Marina, M., P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M. et al. / etc.; 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 G06T 5/00

(11) WO 02/086819 (13) A1

(21) PCT/IB02/01339

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/838,010 19 Apr/avr 2001 US (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR REMOVING DEFECTS IN AN IMAGE SEQUENCE

- PROCEDE ET DISPOSITIF POUR L'ELIMINATION DE DEFANTS DANS UNE SEQUENCE D'IMAGES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) KOBILANSKY, Alexander; 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 G06T 5/00

(11) WO 02/086820 (13) A2

(21) PCT/US02/06874

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/801,038 6 Mar/mar 2001 US (06.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC BACKGROUND REMOVAL METHOD AND SYSTEM

- PROCEDE ET SYSTEME D'ELIMINATION AUTOMATIQUE DU BRUIT DE FOND

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) TRETTER, Daniel, R.; 1533 Calle De Stuarda, San Jose, CA 95118 (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 G06T 5/20

(11) WO 02/086821 (13) A1

(21) PCT/JP01/03362

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMAGE PROCESSING METHOD AND IMAGE PROCESSING DEVICE

- PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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(72, 75) NANBU, Kyojiro [JP/JP]; c/o KABUSHIKI KAISHA TOSHIBA, NASU KOJO, 1385-1, Aza Higashiyama, Shimoishigami, Ohtawara-shi, Tochigi 324-0036 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(84) EP (DE FR GB NL).

(51)⁷ G06T 11/00

(11) WO 02/086822 (13) A1

(21) PCT/IL01/00450

(22) 20 May/mai 2001 (20.05.2001)

(25) en (26) en

(30) PCT/IL01/00375 23 Apr/avr 2001 IL (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CT IMAGE RECONSTRUCTION

- RECONSTRUCTION D'IMAGE DE TOMOGRAPHIE PAR ORDINATEUR

(71) MARCONI MEDICAL SYSTEMS ISRAEL, LTD. [IL/IL]; P.O. Box 325, 31004 Haifa (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRINGAUZ, Asher [IL/IL]; 6/34 Hashikma Street, 36812 Neshet (IL). BAR, Yoav [IL/IL]; 10 Hayarden Street, 32497 Haifa (IL).

(74) FENSTER, Paul et al. / etc.; Fenster and Company Patent Attorneys Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G07B 15/02

(11) WO 02/086823 (13) A1

(21) PCT/EP02/00288

(22) 14 Jan/jan 2002 (14.01.2002)

(25) de (26) de

(30) 01104119.1 21 Feb/fév 2001 EP (21.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR REGISTERING TICKETS

- PROCEDE D'ENREGISTREMENT DE BILLETS

(71) SIEMENS TRANSIT TELEMATIC SYSTEMS AG [CH/CH]; Industriestrasse, CH-9552 Bronschhofen (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAUPER, Alfred [CH/CH]; Wydäckerring 69, CH-8047 Zürich (CH). BÄCHTIGER, Rolf [CH/CH]; Eggäckerstrasse 199, CH-8966 Oberwil-Lieli (CH).

(74) FISCHER, Michael; c/o Siemens AG, Postfach 22 16 34, 80506 München (DE).

(81) BR CA 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 G07C 9/00

(11) WO 02/086824 (13) A2

(21) PCT/GB02/01288

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0110083.3 **24 Apr/avr 2001** GB
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF-SERVICE TERMINAL
• TERMINAL LIBRE-SERVICE

(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) PIGGOT, James [GB/GB]; 17 Pitcairn
Road, Dundee DD3 9EE (GB). ROHAN,
Charles, George, Virgil [GB/GB]; 10 Oak-
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2HX (GB). GROTEGOED, Bart [NL/NL];
Van Bronckhorststraat 19, NL-2612 XT
Delft (NL). KIRKHOPE, James, Ste-
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1HH (GB). SHUFFLEBOTHAM, Claire
[GB/GB]; 27 Kincarrathie Crescent, Perth
PH2 7HH (GB).

(74) WILLIAMSON, Brian; International Patent
Department, NCR Limited, 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 G07C 9/00, B60R 25/00

(11) WO 02/086825 (13) A1

(21) PCT/IB02/01286

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/836,680 **17 Apr/avr 2001** US
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC ACCESS TO AN AUTO-
MOBILE VIA BIOMETRICS
• ACCES AUTOMATIQUE A UN VEHI-
CULE PAR LA BIOMETRIE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan
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MENAREZ, Antonio; Prof. Holstlaan
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JKOVIC, Miroslav; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; In-
ternationaal Octrooibureau B.V., Prof. Holst-
laan 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 G07F 7/10, 7/08, H04M 17/00

(11) WO 02/086826 (13) A1

(21) PCT/KR02/00758

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 2001/22391 **25 Apr/avr 2001** KR
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FINANCIAL INFORMATION INPUT
METHOD USING SYMMETRICAL
KEY SECURITY ALGORITHM AND
COMMERCIAL TRANSACTION SYS-
TEM FOR MOBILE COMMUNICA-
TIONS

• PROCEDE D'INTRODUCTION D'IN-
FORMATIONS FINANCIERES AU
MOYEN D'UN ALGORITHME DE
SECURITE A CODE SYMETRIQUE,
ET SYSTEME DE TRANSACTIONS
COMMERCIALES POUR COMMUNI-
CATIONS MOBILES

(71) HAREXINFOTECH INC. [KR/KR]; 16-6,
Pil-dong 2-ga, Jung-gu, Seoul 100-272 (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KIM, Chul-Ki [KR/KR]; 309-1502,
Kyonghyang Apt., Yatap-dong, Bundang-gu,
Songnam-city 463-924, Gyonggi-do (KR).
HWANG, Que-Min [KR/KR]; 206-502, 2nd
Hyundai Apt., Gaepo-dong, Gangnam-gu,
Seoul 135-240 (KR). KIM, Jung-Hun
[KR/KR]; 322-107, Hansin Apt., 58-24 Jam-
won-dong, Seocho-gu, Seoul 137-030 (KR).
CHANG, Kwang-Su [KR/KR]; 24-1, 545
Guro 5-dong, Guro-gu, Seoul 152-055 (KR).

(74) JO, Eui-Je; Top Patent & Law Firm RM.
1405, Hyecheon Bldg., #831, Yuksam-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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 9/10, 11/16, 11/62

(11) WO 02/086827 (13) A2

(21) PCT/FR02/01339

(22) 18 Apr/avr 2002 (18.04.2002)

(25) fr (26) fr

(30) 01/05370 **20 Apr/avr 2001** FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UNIVERSAL FOOD VENDING MA-
CHINE
• DISTRIBUTEUR AUTOMATIQUE UNI-
VERSEL DE DENREES ALIMEN-
TAIRES

(71, 72) MONFREDO, André [FR/FR]; Pré
Girod, F-73110 La Cote D'Aime (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G07F 17/16

(11) WO 02/086828 (13) A1

(21) PCT/KR02/00708

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ko (26) en

(30) 2001/21623 **21 Apr/avr 2001** KR
(21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STARSTICKER VENDING MACHINE
AND ITS INFORMATION UPDATING
METHOD
• DISTRIBUTEUR D'AUTOCOLLANTS
DE VEDETTES ET PROCEDE POUR
ACTUALISER LES INFORMATIONS
QU'IL CONTIENT

(71, 72) SEO, Young-Hyun [KR/KR]; 728-2 Shi-
nam 1-dong, Dong-gu, Daegu, 701-011 (KR).

(74) BAEK, Hong-Kee; 543, Namsan-dong,
Chung-gu, Daegu 700-442 (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 G07F 19/00, 7/10, G06F 17/60

(11) WO 02/086829 (13) A1

(21) PCT/SG02/00059

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/283,993 **16 Apr/avr 2001** US
(16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR PER-
FORMING A TRANSACTION UTIL-
ISING A THIN PAYMENT NETWORK
(MVENT)

• PROCEDE ET SYSTEME POUR EF-
FECTUER UNE TRANSACTION AU
MOYEN D'UN RESEAU DE PAIE-
MENT DEDIE

(71) MOBILE SOLUTIONS AND PAYMENT
SERVICES PTE LTD [SG/SG]; 30 Beach
Road, #24-01 The Concourse, Singapore
199555 (SG).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MONAGHAN, Stephen [—/SG]; 987
Bukit Timah Road #08-11, Singapore 589628
(SG).

- (74) ABRAHAMLOW LLC; 80 Raffles Place, 2 UOB Plaza #18-20, Singapore 048624 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(u) for / pour US only / seulement

(51)⁷ G07F 19/00, G06F 17/60

(11) WO 02/086830 (13) A1

(21) PCT/SK01/00011

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR SECURE PAYMENT WITH MICROPAYMENT CAPABILITIES

• PROCEDE DE PAIEMENT SECURISE A CAPACITES DE MICROPAIEMENT

(71, 72) HRUZ, Tomas [SK/SK]; Muzejna 4, 81102 Bratislava (SK). BOTKA, Vladimir [SK/CZ]; SolidNet Ltd., Muchovo nam. 1, 85101 Bratislava (SK). STARY, Jan [SK/SK]; Rybarska 5, 93101 Samorin (SK).

(74) BEZAK, Marian; Bezak-Hormanova-Tomes, Schneidera-Trnavskeho 2/b, 84101 Bratislava (SK).

(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 G08B

(11) WO 02/086831 (13) A2

(21) PCT/US02/12095

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,863 19 Apr/avr 2001 US (19.04.2001)

(30) Not furnished / 17 Apr/avr 2002 US non communiqué (17.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR TRACKING WITH IDENTIFICATION

• PROCEDE ET APPAREIL DE SUIVI AVEC IDENTIFICATION

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) FALTESEK, Anthony, E.; 262 N. McCarrons Blvd., Roseville, MN 55446 (US). MORELLAS, Vassilios; 4750 Empire Ln North, Plymouth, MN 55446 (US).

(74) ROGER, Criss, H. ESQ. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 13/00, E05B 65/00

(11) WO 02/086832 (13) A1

(21) PCT/US02/12793

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/843,314 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SECURITY APPARATUS FOR ELECTRONIC ARTICLE SURVEILLANCE TAG

• APPAREIL DE SECURITE DESTINE A UNE ETIQUETTE DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES

(71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(72) NGUYEN, Thang; 22175 Cressmont Place, Boca Raton, FL 33428 (US). FERGUSON, David, B.; 3376 N.W. 27th Avenue, Boca Raton, FL 33434 (US). HANNES, Roy; 3181 NW 97th Avenue, Sunrise, FL 33351 (US). HOGAN, Dennis, L.; 4250 NW 26th Terrace, Lighthouse Point, FL 33064 (US). PELUSO, Michael, A.; 2841 N. Ocean Boulevard, #507, Fort Lauderdale, FL 33308 (US). PEREZ, Sergio; 3576 Dorrit Avenue, Boynton Beach, FL 33436 (US). SOTO, Manuel, A.; 6532 Stonehurst Circle, Lake Worth, FL 33467 (US). SZKLANY, Craig; 4950 NW 27th Avenue, Lighthouse Point, FL 33064 (US).

(74) COMOGLIO, Rick, F. et al. / etc.; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G08B 13/16

(11) WO 02/086833 (13) A1

(21) PCT/JP02/03822

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-123204 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTITHEFT SYSTEM

• SYSTEME ANTIVOL

(71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 951 Yamato Road, Boca Raton, FL 33431 (US).

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(72, 75) MATSUDAIRA, Shinji [JP/JP]; 1-1-25, Oono, Daito-shi, Osaka 574-0042 (JP). YOSHIDA, Hiroshi [JP/JP]; 6-2-2-204, Yayoigaoka, Sanda-shi, Hyogo 669-1324 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) US.

(84) EP (DE FR GB).

(51)⁷ G08B 21/00, A62B 9/00, A61B 5/00

(11) WO 02/086834 (13) A1

(21) PCT/DE02/00655

(22) 20 Feb/fév 2002 (20.02.2002)

(25) de (26) de

(30) 101 20 775.1 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MONITORING AND WARNING SYSTEM FOR INDIVIDUALS WORKING UNDER HAZARDOUS OPERATING CONDITIONS

• SYSTEME DE SURVEILLANCE ET D'AVERTISSEMENT POUR DES PERSONNES TRAVAILLANT DANS DES CONDITIONS DANGEREUSES

(71) MSA AUER GMBH [DE/DE]; Thiemannstrasse 1, 12059 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHUBERT, Axel [DE/DE]; Sodenstrasse 24, 12309 Berlin (DE). LUBKOLL, Dieter [DE/DE]; Goethestrasse 8A, 12207 Berlin (DE).

(74) WABLAT, Wolfgang; Potsdamer Chaussee 48, 14129 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, A61B 5/00, H04M 11/04, G08B 5/22

(11) WO 02/086835 (13) A1

(21) PCT/US02/12876

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,133 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MEDICAL MONITORING SYSTEM HAVING MULTIPATH COMMUNICATIONS CAPABILITY

• SYSTEME DE SURVEILLANCE MEDICALE A COMMUNICATIONS PAR TRAJETS MULTIPLES

(71) CARDIONET, INC. [US/US]; 510 Market Street, San Diego, CA 92101 (US).

(72) ROGERS, Bobby, E.; 3525 Del Mar Heights Road #430, San Diego, CA 92130 (US). MARABLE, William, R.; 6613 Corte Real, Carlsbad, CA 92009 (US). EGGERS, Philip, N.; 15238 Midland Road, Poway, CA 92064 (US).

(74) COVERSTONE, Thomas, E.; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 25/08, 13/196

(11) WO 02/086836 (13) A1

(21) PCT/US02/11839

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/838,896 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INTERNET BASED EMERGENCY COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION D'URGENCE FONDE SUR L'INTERNET

(71, 72) FOODMAN, Bruce, A. [US/US]; 2 Little River Lane, Redding, CT 06896 (US).

(72) FOODMAN, Harold; 34 Berndale Drive, Westport, CT 06880 (US).

(74) FOODMAN, Marc, D.; 1 Jennifer Lane, Westford, MA 01886 (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).

(51)⁷ G08B 25/10

(11) WO 02/086837 (13) A1

(21) PCT/US02/12873

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/841,134 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIDIRECTIONAL COMMUNICATION BETWEEN A SENSOR UNIT AND A MONITOR UNIT IN PATIENT MONITORING

• COMMUNICATION BIDIRECTIONNELLE ENTRE UNE UNITE DE CAPTEUR ET UNE UNITE DE MONITEUR PERMETTANT DE SURVEILLER D'UN PATIENT

(71) CARDIONET, INC. [US/US]; 510 Market Street, San Diego, CA 92101 (US).

(72) EGGERS, Philip, N.; 15238 Midland Road, Poway, CA 92064 (US).

(74) COVERSTONE, Thomas, E.; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101-4469 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 29/00, 21/00, G01R 31/00, H03K 27/00

(11) WO 02/086838 (13) A1

(21) PCT/SE02/00796

(22) 23 Apr/avr 2002 (23.04.2002)

(25) sv (26) en

(30) 0101450-5 23 Apr/avr 2001 SE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SAFETY DEVICE

• DISPOSITIF DE SECURITE

(71) JOKAB SAFETY AB [SE/SE]; Varlabergsvägen 11, S-434 91 Kungsbacka (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINGER, Mats [SE/SE]; Karsegården, S-439 00 Onsala (SE). OLSSON, Torgny [SE/SE]; Aprikosgatan 10, S-233 00 Svedala (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08L

(11) WO 02/086839 (13) A2

(21) PCT/EP02/03841

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 19 681.4 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPACT RESISTANT MODIFIED BLENDS MADE OF POLYETHYLENTEREPHTHALATE AND AT LEAST ONE POLYCARBONATE BASED ON DIHYDROXYDIARYLCYCLOHEXANE

• MELANGES A RESILIENCE MODIFIEE COMPOSES DE POLYETHYLENTEREPHTHALATE ET D'AU MOINS UN POLYCARBONATE A BASE DE DIHYDROXYDIARYLCYCLOHEXANE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAIG, Thomas [DE/DE]; Sommersstr. 7, 40476 Düsseldorf (DE). JOACHIMI, Detlev [DE/DE]; Scheiblerstr. 103, 47800 Krefeld (DE). BIENMÜLLER, Matthias [DE/DE]; Dahlerdyk 45, 47803 Krefeld (DE).

PAUL, Friedemann [DE/DE]; Peter-Walterscheidt-Str. 65, 51469 Bergisch Gladbach (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
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 G08T 1/127

(11) WO 02/086840 (13) A1

(21) PCT/EP02/01589

(22) 14 Feb/fév 2002 (14.02.2002)

(25) de (26) de

(30) 01109969.4 24 Apr/avr 2001 EP
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR THE PRIORITISED
PROCESSING OF INFORMATION

- PROCÉDE DE TRAITEMENT PRIORI-
TAIRE D'INFORMATIONS

(71) SIEMENS TRANSIT TELEMATIC
SYSTEMS AG [CH/CH]; Industriestrasse,
CH-9552 Bronschhofen (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZIEGLER, Alfons [CH/CH]; Ghürst 5,
CH-9562 Märwil (CH).

(74) FISCHER, Michael; Siemens AG, Postfach
22 16 34, 80506 München (DE).

(81) CA 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 G09B 3/00, 7/00

(11) WO 02/086841 (13) A1

(21) PCT/US02/12424

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,129 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A LATENT PROPERTY DIAGNOSING
PROCEDURE

- PROCÉDE DE DIAGNOSTIC D'UNE
PROPRIÉTÉ LATENTE

(71, 72) STOUT, William, F. [US/US]; 1826
Maynard Drive, Champaign, IL 61822 (US).
HARTZ, Sarah, M. [US/US]; 52 E. Green
Street, Apt. 5, Champaign, IL 61820 (US).

(74) STOUT, Donald, E.; Antonelli, Terry, Stout
& Kraus, LLP, 1300 North Seventeenth Street,
Suite 1800, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G09B 5/00, 19/00, 23/28

(11) WO 02/086842 (13) A1

(21) PCT/US02/13402

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/841,815 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN ELECTRONIC INSTRUCTIONAL
DEVICE FOR POINT-OF-PERFOR-
MANCE INSTRUCTION

- DISPOSITIF INSTRUCTIONNEL
ELECTRONIQUE POUR INSTRUC-
TION PAR POINT D'EXECUTION

(71, 72) WILLIAMS, Jacquelyn [US/US];
43002 Camino Caruna, Temecula, CA
92592-3787 (US).

(74) SHIPLEY, Gerhard, P.; 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 G09B 7/00

(11) WO 02/086843 (13) A1

(21) PCT/US02/10470

(22) 2 Apr/avr 2002 (02.04.2002)

(25) en (26) en

(30) 60/281,229 2 Apr/avr 2001 US
(02.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REMOTE LABORATORY EXPERI-
MENTATION

- EXPERIENCES DE LABORATOIRE A
DISTANCE

(71) FLORIDA ATLANTIC UNIVERSITY
[US/US]; 777 Glades Road, P.O. Box 3091,
Boca Raton, FL 33431-0991 (US).

(72) ALHALABI, Bassem, A.; 9620 Via Emilee,
Boca Raton, FL 33428 (US). HAMZA, Mo-
hammad, K.; 21180 Via Eden, Boca Raton,
FL 33433 (US).

(74) GREENBERG, Steven, M.; Akerman, Sen-
terfitt & Eidson, P.A., 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).

(51)⁷ G09B 17/00

(11) WO 02/086844 (13) A1

(21) PCT/US02/08267

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/836,165 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATED, COMPUTER-BASED
READING TUTORING SYSTEM AND
METHOD. _

- PROCÉDE ET SYSTEME INFORMA-
TISES, AUTOMATISES D'ACCOM-
PAGNEMENT PEDAGOGIQUE EN
LECTURE

(71) INTELLIGENT AUTOMATION, INC.
[US/US]; 7519 Standish Place, Suite 200,
Rockville, MD 20850 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAYNES, Jacqueline, A. [US/US];
1715 Glastonberry Road, Rockville, MD
20850 (US). BELTZ, Shannon, L. [US/US];
9617 Marathon Terrace, #204, North Po-
tomac, MD 20878 (US). FOWLER, Daniel,
S. [US/US]; 3711 Warren Street NW, Wash-
ington, D.C. 20016 (US).

(74) EPSTEIN, Robert, H.; Epstein, Edell,
Shapiro, Finnan & Lytle, LLC, 1901 Re-
search Boulevard, Suite 400, 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 G09C 1/00, G06F 12/14

(11) WO 02/086845 (13) A1

(21) PCT/IP01/07556

- (22) 31 Aug/août 2001 (31.08.2001)
- (25) ja (26) ja
- (30) 2001-120892 19 Apr/avr 2001 JP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CONTENT MONITORING METHOD, CONTENT PROVIDING DEVICE, AND CONTENT MONITORING DEVICE
- PROCEDE DE CONTROLE DE CONTENU, DISPOSITIF DE FOURNITURE DE CONTENU ET DISPOSITIF DE CONTROLE DE CONTENU
- (71) DIGITAL MAGIC LABS, INC. [JP/JP]; 27-8, Jingumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAKAWA, Hideto [JP/JP]; c/o DIGITAL MAGIC LABS, INC., 27-8, Jingumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP).
- (74) TOMITA, Kazuko et al. / etc.; 7F, Yokohama HS-Bldg., 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G09C 1/00, H04L 9/10
- (11) WO 02/086846 (13) A1
- (21) PCT/JP02/02064
- (22) 6 Mar/mar 2002 (06.03.2002)
- (25) ja (26) ja
- (30) 2001-116254 16 Apr/avr 2001 JP
(16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ENCIPHERING / DECIPHERING DEVICE, ENCIPHERING / DECIPHERING METHOD, DATA ENCIPHERING METHOD, AND IC CARD
- CHIFFREMENT / DISPOSITIF DE DECHIFFREMENT, CHIFFREMENT / PROCEDE DE DECHIFFREMENT, PROCEDE DE CHIFFREMENT DE DONNEES ET CARTE A CIRCUIT INTEGRE
- (71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). HITACHI ULSI SYSTEMS CO., LTD. [JP/JP]; 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Masatoshi [JP/JP]; c/o Hitachi ULSI Systems Co., Ltd., 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522 (JP).
- (74) TOKUWAKA, Kousei; 16-8, Inokashira 5-chome, Mitaka-shi, Tokyo 181-0001 (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 G09C 1/00, H04L 9/14, 12/22
- (11) WO 02/086847 (13) A1
- (21) PCT/JP02/03980
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) ja (26) ja
- (30) 2001-122610 20 Apr/avr 2001 JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DATA SECURING COMMUNICATION APPARATUS AND METHOD
- APPAREIL ET PROCEDE DE COMMUNICATION DE SECURISATION DE DONNEES
- (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) SUZUKI, Takashi [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). YOSHIMURA, Takeshi [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).
- (74) KUSANO, Takashi et al. / etc.; Sagami Building, 2-21, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) CN KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G09F 9/00, B32B 15/08, G02B 5/22, H05K 9/00
- (11) WO 02/086848 (13) A1
- (21) PCT/JP02/03683
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) ja (26) ja
- (30) 2001-117633 17 Apr/avr 2001 JP
(17.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTROMAGNETIC WAVE SHIELDING MEMBER AND DISPLAY USING THE SAME
- ELEMENT DE PROTECTION D'ONDE ELECTROMAGNETIQUE ET AFFICHAGE ASSOCIE
- (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) ARAKAWA, Fumihiko [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). KOJIMA, Hiroshi [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). OHISHI, Eiji [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G09F 11/00, 19/12, A47F 7/03, G11B 33/04
- (11) WO 02/086849 (13) A1
- (21) PCT/IL02/00312
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 142686 19 Apr/avr 2001 IL
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A JEWEL CASE WITH AN ANIMATED PRESENTATION OF IMAGES
- COFFRET A BIJOUX AVEC PRESENTATION ANIMEE D'IMAGES
- (71) YEMINI, Zvi [IL/IL]; 38 Yefet Street, 68130 Jaffa (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BAR-YONA, Itzhak [IL/IL]; 17B Rabbi Yichia Avitz Street, 48039 Rosh Ha'Ayin (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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G09F 19/14, 19/22
- (11) WO 02/086850 (13) A1
- (21) PCT/NZ02/00068
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 511191 19 Apr/avr 2001 NZ
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MOVEMENT SUGGESTION AND MOTIVATION METHODS AND RELATED MEANS

- PROCEDE ET DISPOSITIF DE SUGGESTION ET DE MOTIVATION DE MOUVEMENT
- (71, 72) **MACINNES, Carl, John** [NZ/NZ]; 35 England Street, Freemans Bay, 1001 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 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 **G09F 19/18, 21/04**
- (11) **WO 02/086851** (13) A1
- (21) PCT/DE02/01493
- (22) **24 Apr/avr 2002 (24.04.2002)**
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PUBLIC TRANSPORT DISPLAY DEVICE
- DISPOSITIF D’AFFICHAGE POUR MOYENS DE TRANSPORT EN COMMUN
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) **RAFFA, Gino**; Harlessemstr. 7, 31134 Hildesheim (DE).
- (81) 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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- (22) **22 Apr/avr 2002 (22.04.2002)**
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A DISPLAY SYSTEM
- SYSTEME D’AFFICHAGE
- (71) **SUMMIT CD MANUFACTURE PTE LTD** [SG/SG]; 45 Ubi Road 1, Summit Building, Singapore 408696 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YEO, David** [SG/SG]; c/o 45 Ubi Road 1, Summit Building, Singapore 408696 (SG). **THESEIRA, Colin** [SG/SG]; 156 Cactus Road, Seletar Gardens, Singapore 809656 (SG). **TRIPATHI, Dinesh** [IN/SG]; 45 Ubi Road 1, Summit Building, Singapore 408696 (SG).
- (74) **SIM, Andrew, Yuan Meng**; c/o Shook Lin & Bok, 1 Robinson Road, #18-00, AIA Tower, Singapore 048542 (SG).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **24 Oct/oct 2001 (24.10.2001)**
- (25) en (26) en
- (30) 09/841,863 **25 Apr/avr 2001 US (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR PERFORMING AUTOMATIC DISPLAY CONTRAST ADJUSTMENT IN A BATTERY POWERED DEVICE
- PROCEDE ET APPAREIL PERMETTANT D’EFFECTUER UN REGLAGE AUTOMATIQUE DU CONTRASTE D’AFFICHAGE DANS UN DISPOSITIF A ALIMENTATION PAR BATTERIE
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour BB)
- (72) **MAKSIMOVIC, Borisav**; 5-7273 17th Avenue, Burnaby, British Columbia V3N 1L1 (CA). **FUDIMOVA, Lora**; 241-8091B Ryan Road, Richmond, British Columbia V7A 2E4 (CA).
- (74) **SMITH, Harry, F.**; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 **G09G 3/28, 3/20, H04N 5/66**
- (11) **WO 02/086854** (13) A1
- (21) PCT/JP02/03827
- (22) **17 Apr/avr 2002 (17.04.2002)**
- (25) ja (26) ja
- (30) 2001-119361 **18 Apr/avr 2001 JP (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PLASMA DISPLAY PANEL DRIVE METHOD AND PLASMA DISPLAY APPARATUS
- PROCEDE DE COMMANDE DE PANEAU D’AFFICHAGE AU PLASMA ET DISPOSITIF D’AFFICHAGE AU PLASMA
- (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) **OURA, Koichi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (30) 09/836,640 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ACTIVE MATRIX ADDRESSED BISTABLE REFLECTIVE CHOLESTERIC DISPLAYS AND GRAPHIC CONTROLLERS AND OPERATING METHODS THEREFOR
- CONTROLEURS GRAPHIQUES ET AFFICHEURS A CRISTAUX CHOLESTERIQUES REFLECHISSANTS BISTABLES ADRESSES PAR MATRICE ACTIVE ET MODALITES DE MISE EN OEUVRE
- (71) **KENT DISPLAYS, INC.** [US/US]; 343 Portage Boulevard, Kent, OH 44240 (US).
- (72) **HUANG, Xaio-Yang**; 4622 Dresher Trail, Stow, OH 44224 (US). **MILLER, Nick, Martin**; 3512 Industry Road, Rootstown, OH 44272 (US).
- (74) **POWELL, Raymond, H., J.**; Westerlund . Powell, P.C., 122 N. Alfred Street, Alexandria, VA 22314-3011 (US).
- (81) 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).

FR GB GR IE IT LU MC NL 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) 9 Apr/avr 2002 (09.04.2002)

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(54) • STABILIZED TACTILE OUTPUT MECHANISM FOR COMPUTER INTERFACE DEVICES

• MECANISME STABILISE DE SORTIE TACTILE POUR INTERFACES AVEC L'ORDINATEUR

(71, 72) SERPA, Michael [US/US]; P.O. Box 478, San Francisco, CA 94104-0478 (US).

(81) AE AG AU BG BR BZ CA CN CO CR CU ID IL IN JP KP KR MX NO NZ OM PH RO SG UA 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).

(51) G09G 5/08

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR PERFORMING BRANCH PROCESSING ACCORDING TO A USER INDICATED SELECTION FROM DISPLAYED GRAPHICS

• APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER UN TRAITEMENT DE BRANCHEMENT EN FONCTION D'UNE SELECTION INDIQUEE PAR UN UTILISATEUR A PARTIR DE GRAPHIQUES AFFICHES

(71) HEURISTIC PHYSICS LABORATORIES, INC. [US/US]; 2033 Gateway Place, San Jose, CA 95110 (US).

(72) LEPEJIAN, Yervant, D.; 920 Ramona St., Palo Alto, CA 94301 (US). LACHINYAN, Gurgen; 1091 Tanland Drive #206, Palo Alto, CA 94303 (US). MARUTYAN, Rafik; Suite 400, 2033 Gateway Place, San Jose, CA 95110 (US).

(74) SMITH-HILL, John; Smith-Hill and Bell, P.C., Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).

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(71, 72) O'DONNELL, Richard, L. [US/US]; 142 Willow Brook, St. Louis, MO 63146 (US).

(74) BRUNS, William, G.; Polster, Lieder, Woodruff & Lucchesi, L.C., 763 South New Ballas Road, St. Louis, MO 63141 (US).

(81) CN.

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Published / Publiée : (c)

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(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INFORMATION SERVICE METHOD AND INFORMATION SERVICE SYSTEM

• PROCEDE ET SYSTEME DE SERVICE D'INFORMATION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) SAKO, Yoichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(81) JP US.

(51)⁷ G10L

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(21) PCT/EP02/04425

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROCESSING SPEECH SIGNALS

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(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).

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(72, 75) EALEY, Douglas, Ralph [GB/GB]; 3 Ashwood Gardens, Bassett, Southampton, Hampshire SO16 7LF (GB). KELLEHER,

Holly, Louise [GB/GB]; 6 Hipley Court, Warren Road, Guildford, Surrey GU1 2HT (GB). PEARCE, David, John, Benjamin [GB/GB]; 7 Pyotts Copse, Old Basing, Basingstoke, Hampshire RG24 8WE (GB).

(74) TRELEVEN, Colin; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 13/00, 13/08, 15/22, 15/18

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(21) PCT/JP02/03899

(22) 19 Apr/avr 2002 (19.04.2002)

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(30) 2001-122040 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LANGUAGE PROCESSOR
• PROCESSEUR DE LANGAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(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).

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- (30) 09/838,973 **20 Apr/avr 2001** US
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• SYSTEME DE RECONNAISSANCE VOCALE
- (71, 72) HUTCHISON, William [US/US]; 2002 Linden Drive, Boulder, CO 80304 (US).
- (74) LANGLEY, Stuart et al. / etc.; Hogan & Hartson LLP, Suite 1500, 1200 17th Street, Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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) 15 Apr/avr 2002 (15.04.2002)
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- (30) 01303598.5 **19 Apr/avr 2001** EP
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- (54) • SPEECH RECOGNITION
• RECONNAISSANCE DE LA PAROLE
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
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- (72, 75) DOWNEY, Simon, Nicholas [GB/GB]; 191 Fountains Road, Ipswich, Suffolk IP2 9TJ (GB).
- (74) ROBINSON, Simon, Benjamin; BT Group Legal, Intellectual Property Department, Holborn Centre 8th Floor, 120 Holborn, London EC1N 2TE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 G10L 15/22
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- (22) 15 Apr/avr 2002 (15.04.2002)
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- (30) 60/284,188 **18 Apr/avr 2001** US
(18.04.2001)
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(05.06.2001)
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- (54) • SYSTEM AND METHOD FOR ADAPTIVE LANGUAGE UNDERSTANDING BY COMPUTERS
• SYSTEME ET PROCEDE DE COMPREHENSION ADAPTATIVE DES LANGUES PAR LES ORDINATEURS
- (71) RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY [US/US]; ASB III, 3 Rutgers Plaza, New Brunswick, NJ 08901 (US).
- (72) DUSAN, Sorin, V.; 78 Church Lane, New Brunswick, NJ 08902 (US). FLANAGAN, James, L.; 25 Wolf Hill Drive, Warren, NJ 07059 (US).
- (74) SCOLA, Daniel, A., Jr. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/086865 (13) A1
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- (22) 9 Apr/avr 2002 (09.04.2002)
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- (30) 01890115.7 **13 Apr/avr 2001** EP
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SPEAKER VERIFICATION IN A SPOKEN DIALOGUE SYSTEM
• VERIFICATION DU LOCUTEUR DANS UN SYSTEME D'INTERACTION VOCALE
- (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).
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- (51)⁷ G10L 19/00, 19/02, 21/04, H03M 7/30
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- (21) PCT/JP02/03621
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) ja (26) ja
- (30) 2001-116420 **16 Apr/avr 2001** JP
(16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • COMPRESSION METHOD AND APPARATUS, DECOMPRESSION METHOD AND APPARATUS, COMPRESSION/DECOMPRESSION SYSTEM, PEAK DETECTION METHOD, PROGRAM, AND RECORDING MEDIUM
• PROCEDE ET DISPOSITIF DE COMPRESSION, PROCEDE ET DISPOSITIF DE DECOMPRESSION, SYSTEME DE COMPRESSION/DECOMPRESSION, PROCEDE DE DETECTION DE CRETE, PROGRAMME ET SUPPORT D'ENREGISTREMENT
- (71) SAKAI, Yasue [JP/JP]; 409-1-D115, Nakao, Saitama-shi, Saitama 336-0932 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOYANAGI, Yukio [JP/JP]; 409-1-D115, Nakao, Saitama-shi, Saitama 336-0932 (JP).
- (74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 G10L 19/02 // 21/02
- (11) WO 02/086867 (13) A1
- (21) PCT/SE02/00485
- (22) 14 Mar/mar 2002 (14.03.2002)
- (25) en (26) en
- (30) 0101408-3 **23 Apr/avr 2001** SE
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BANDWIDTH EXTENSION OF ACOUSTIC SIGNALS
• EXTENSION LARGE BANDE DE SIGNAUX ACOUSTIQUES
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
- (72) NILSSON, Mattias; Hjortronvägan 109, 1 tr, S-196 35 Kungsängen (SE). KLEIJN, Bastiaan; Tallåsvägen 11, S-182 75 Stocksund (SE).
- (74) BERGLUND, Stefan et al. / etc.; Bjerckéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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
(11) WO 02/086868 (13) A2
(21) PCT/EP02/03718
(22) 29 Mar/mar 2002 (29.03.2002)
(25) en (26) en
(30) 0110064.3 24 Apr/avr 2001 GB
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • PROCESSING SPEECH SIGNALS
• TRAITEMENT DE SIGNAUX VOCAUX

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EALEY, Douglas, Ralph [GB/GB]; 3 Ashwood Gardens, Basset, Southampton, Hampshire SO16 7LF (GB). KELLEHER, Holly, Louise [GB/GB]; 6 Hipley Court, Warren Road, Guildford, Surrey GU1 2HT (GB). PEARCE, David, John, Benjamin [GB/GB]; 7 Pyotts Copse, Old Basing, Basingstoke, Hampshire RG24 8WE (GB).

(74) TRELEVEN, Colin; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 21/04, H04N 5/91, 5/92, G11B 20/12, 20/10

- (11) WO 02/086869 (13) A1
(21) PCT/JP02/03959
(22) 19 Apr/avr 2002 (19.04.2002)
(25) ja (26) ja
(30) 2001-120532 19 Apr/avr 2001 JP
(19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • DIGITAL RECORDING/REPRODUCING APPARATUS
• APPAREIL LECTEUR/ENREGISTREUR NUMERIQUE

(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) TAKAYAMA, Masamichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KANI, Tetsuo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ISHIDA, Fumitoshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo

141-0001 (JP). YAMASAKI, Kenji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). INOUE, Takao [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) CA US.

(51)⁷ G11B 5/00

- (11) WO 02/086870 (13) A1
(21) PCT/US02/12581
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 60/285,070 20 Apr/avr 2001 US
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MEMO TAPE RECORDER AND READER SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE LECTURE ET D'ENREGISTREMENT MAGNETIQUE DE NOTES DE SERVICE

(71, 72) DAY, Richard, Paul [US/US]; 1587 Oxford Street, #16, Redwood City, CA 94061 (US).

(74) LARIVIERE, GRUBMAN & PAYNE, LLP; Elisabeth S. Sussex, P.O. Box 3140, Monterey, CA 93942 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/39

- (11) WO 02/086871 (13) A1
(21) PCT/US02/09721
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/284,624 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • NON-MAGNETIC METALLIC LAYER IN A READER GAP OF A DISC DRIVE
• COUCHE METALLIQUE NON MAGNETIQUE PLACEE DANS UN ENTREFER DE LECTEUR

(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) DIMITROV, Dimitar, V.; 5709 68th Street West, Edina, MN 55439 (US). KAUTZKY, Michael, C.; 4143 Cashell Glen, Eagan, MN 55122 (US). GANGOPADYAY, Sunita, B.; 8571 mission Hill Lane, Chanhassen, MN

55317 (US). RAMDULAR, Jumma, P.; 9002 Vickers Crossing, Brooklyn Park, MN 55443 (US). BOUNNAKHOM, Sisavath; 14433 Joppa Avenue South, Savage, MN 55378 (US). TSU, I-Fei; 5230 West 102 Street, Apt. 204, Bloomington, MN 55437 (US). LAMBERTON, Robert, W.; 122 Bolea Road, Limavady, Co. Londonderry BT49 0QU (GB).

(74) DIETZ, Paul, T.; Seagate Technology LLC, Intellectual Property Department-NRW097, 7801 Computer Avenue South, Bloomington, MN 55345 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 G11B 5/71, 5/72, C10M 107/38, 169/04 // (C10M 169/04, 105:54, 105:52, 147:00), C10N 50:02

- (11) WO 02/086872 (13) A1
(21) PCT/US02/02901
(22) 1 Feb/fév 2002 (01.02.2002)
(25) en (26) en
(30) 09/841,383 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FLUORINATED KETONES AS LUBRICANT DEPOSITION SOLVENTS FOR MAGNETIC MEDIA APPLICATIONS
• CETONES FLUOREES UTILISEES COMME SOLVANTS DE DEPOT DE LUBRIFIANT EN VUE D'UNE APPLICATION SUR UN SUPPORT MAGNETIQUE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) PARENT, Michael, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KEHREN, Jason, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MINDAY, Richard, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) JORDAN, Robert, H. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 7/085, 20/10, 20/12

(11) WO 02/086873 (13) A1

(21) PCT/JP02/03406

(22) 4 Apr/avr 2002 (04.04.2002)

(25) ja (26) ja

(30) 2001-117843 17 Apr/avr 2001 JP
(17.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL DISC, INFORMATION
RECORDING/REPRODUCTION
METHOD AND INFORMATION
RECORDING/REPRODUCTION AP-
PARATUS USING THE SAME

• DISQUE OPTIQUE, PROCEDE D'EN-
REGISTREMENT/REPRODUCTION
D'INFORMATIONS, ET DISPOSITIF
D'ENREGISTREMENT/REPRODUC-
TION D'INFORMATIONS UTILISANT
CE PROCEDE

(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) WATANABE, Katsuya [JP/JP]; 7-854-2,
Ayamekeminami, Nara-shi, Nara 631-0033
(JP). YAMADA, Shimichi [JP/JP]; 1-51-8,
Kisabe, Katano-shi, Osaka 576-0052 (JP).
FUJIUNE, Kenji [JP/JP]; 19-1-302, Fu-
jitacho 3-chome, Moriguchi-shi, Osaka
570-0014 (JP). KUZE, Yuichi [JP/JP];
7-31-602, Hitotsuya 3-chome, Settsu-shi,
Osaka 566-0043 (JP).

(74) YAMAMOTO, Shusaku; Fifteenth Floor,
Crystal Tower, 2-27, Shiromi 1-chome,
Chuo-ku, Osaka 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G11B 7/125, 7/135, 7/22, G02B 27/00

(11) WO 02/086874 (13) A1

(21) PCT/IB02/01371

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 01201505.3 25 Apr/avr 2001 EP
(25.04.2001)

(30) 01203888.1 15 Oct/oct 2001 EP
(15.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SCANNING DEVICE INCLUDING
PLASTIC HIGH-NUMERICAL APER-
TURE OBJECTIVE

• DISPOSITIF DE BALAYAGE COMPOR-
TANT UN OBJECTIF PLASTIQUE A
GRANDE OUVERTURE NUMERIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HENDRIKS, Bernardus, H., W.
[NL/NL]; Internationaal Octrooibureau B.V.,
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) VISSER, Derk et al. / etc.; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(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 G11B 7/135, G02B 13/24, 9/04

(11) WO 02/086875 (13) A1

(21) PCT/IB02/01372

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 01201507.9 25 Apr/avr 2001 EP
(25.04.2001)

(30) 01203887.3 15 Oct/oct 2001 EP
(15.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SCANNING DEVICE INCLUDING A
PARTLY PLASTIC HIGH-NA OBJEC-
TIVE SYSTEM

• DISPOSITIF DE BALAYAGE CONTE-
NANT UN SYSTEME OBJECTIF A OU-
VERTURE NUMERIQUE (ON) LARGE
PARTIELLEMENT PLASTIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HENDRIKS, Bernardus, H., W.
[NL/NL]; Internationaal Octrooibureau B.V.,
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) VISSER, Derk; Internationaal Octrooibu-
reau B.V., Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).

(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 G11B 7/22, 7/135, 7/12, G02B 1/04, 7/02

(11) WO 02/086876 (13) A1

(21) PCT/IB02/01427

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 01201489.0 25 Apr/avr 2001 EP
(25.04.2001)

(30) 01201965.9 25 May/mai 2001 EP
(25.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL LENS SYSTEM COMPRIS-
ING AT LEAST ONE LENS OF A
SYNTHETIC MATERIAL

• SYSTEME DE LENTILLE OPTIQUE
COMPRENANT AU MOINS UNE LEN-
TILLE CONSTITUEE D'UN MATE-
RIAU OPTIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) HENDRIKS, Bernardus, H., W.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN DORST, Fransiscus, C.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL). VAN
GAAL, Fransiscus, M., A., M.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL). VAN
DER VLEUTEN, Cornelius, A., N., M.;
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) SCHRIJNEMAËKERS, Hubert, J., M.;
Internationaal Octrooibureau B.V., Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).

(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).

(51)⁷ G11B 7/24

(11) WO 02/086877 (13) A1

(21) PCT/CN02/00269

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01102921.9 24 Apr/avr 2001 CN
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN OPTICALLY READABLE INFOR-
MATION DISC

• DISQUE D'INFORMATION LISIBLE
DE MANIERE OPTIQUE

(71, 72) CHAN, Chak, Sang, Simon [CN/CN];
4/F., 53 Tsui Fung Street, Wong Tai Sin,
Kowloon, Hong Kong (CN). HAU, Shek,
Wah [CN/CN]; 6E, Eva Court, 44 Broadcast
Drive, Kowloon, Hong Kong (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu
Tower, A129 West Xuan Wu Men Street, Bei-
jing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 7/24, C09B 69/10

(11) WO 02/086878 (13) A2

(21) PCT/EP02/03071

(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)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • OPTICAL DATA CARRIER WHOSE INFORMATION LAYER CONTAINS A LIGHT-ABSORBING COMPOUND HAVING A NUMBER OF CHROMOPHORIC CENTERS
- SUPPORT DE DONNEES OPTIQUE CONTENANT DANS SA COUCHE D'INFORMATIONS UN COMPOSE D'ABSORPTION LUMINEUSE DOTE DE PLUSIEURS CENTRES CHROMOPHORES

(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). BIERINGER, Thomas [DE/DE]; Am Pützchen 25, 51519 Odenthal (DE). BRÜDER, Friedrich-Karl [DE/DE]; En de Siep 34, 47802 Krefeld (DE). HAGEN, Rainer [DE/DE]; Damaschkestr. 2 a, 51373 Leverkusen (DE). HASSENRÜCK, Karin [DE/DE]; Schlehenweg 28, 40468 Düsseldorf (DE). KOSTROMINE, Serguei [RU/DE]; Katharinenstr. 28, 53913 Swisttal (DE). OSER, Rafael [DE/DE]; Buschstr. 171, 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/24 // C09B 23/00, 23/14, 23/10

(11) WO 02/086879 (13) A1

(21) PCT/EP02/03088

(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)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • OPTICAL DATA SUPPORT COMPRISING A HEMICYANIN DYE IN THE INFORMATION LAYER AS LIGHT-ABSORBING COMPOUND

- SUPPORT DE DONNEES OPTIQUE DONT LA COUCHE D'INFORMATION RENFERME UN COLORANT A BASE D'HEMICYANINE QUI SERT DE 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). HAENSE, Wilfried [DE/DE]; Osenauer Str. 32, 51519 Odenthal (DE). HAGEN, Rainer [DE/DE]; Damaschkestr. 2a, 51373 Leverkusen (DE). HASSENRÜCK, Karin [DE/DE]; Schlehenweg 28, 40468 Düsseldorf (DE). KOSTROMINE, Serguei [RU/DE]; Katharinenstr. 28, 53913 Swisttal (DE). LANDENBERGER, 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).

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 G11B 7/24

(11) WO 02/086880 (13) A1

(21) PCT/IT01/00486

(22) 24 Sep/sep 2001 (24.09.2001)

(25) it (26) en

(30) RM2001A000217 20 Apr/avr 2001 IT (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • MULTILAYER OPTICAL DATA STORE MEDIUM

- SUPPORT DE MEMORISATION DE DONNEES OPTIQUES MULTICOUCHE

(71) ATOP INNOVATION S.P.A. [IT/IT]; Via Boccaccio, 4, I-20100 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARABINIERE, Luigi [IT/IT]; Atop Innovation S.p.A., Via Boccaccio, 4, I-20100 Milano (IT).

(74) IANNONE, Carlo, Luigi et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G11B 7/24, 7/135, 7/005

(11) WO 02/086881 (13) A1

(21) PCT/JP02/03882

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-120522 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • OPTICAL INFORMATION RECORDING MEDIUM AND INFORMATION REPRODUCING METHOD

- SUPPORT D'ENREGISTREMENT D'INFORMATIONS OPTIQUE ET PROCEDE DE REPRODUCTION D'INFORMATIONS

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIMOTO, Tsutomu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAITO, Kimihiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(51)⁷ G11B 11/105

(11) WO 02/086882 (13) A1

(21) PCT/JP02/03803

- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-120909 19 Apr/avr 2001 JP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MAGNETO-OPTIC RECORD MEDIUM
• SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIKAWA, Koichiro [JP/JP]; 94-1, Kyomemachi, Takasaki-shi, Gunma 370-0011 (JP). HASHIMOTO, Morimi [JP/JP]; 2-24-24-302, Shirako, Wako-shi, Saitama 351-0101 (JP). NISHIKIORI, Keiji [JP/JP]; 7-32, Touzu-okutani, Yawata-shi, Kyoto 614-8280 (JP). BIRUKAWA, Masahiro [JP/JP]; 16-25, Higashikourishinmachi, Hirakata-shi, Osaka 573-0077 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 17/26
- (11) WO 02/086883 (13) A1
- (21) PCT/JP02/03271
- (22) 1 Apr/avr 2002 (01.04.2002)
- (25) ja (26) ja
- (30) 2001-117526 16 Apr/avr 2001 JP
(16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DISK HOLDING MEMBER, DISK TRAY, RECORDING AND/OR REPRODUCING DEVICE, AND DISK CHANGER
• ELEMENT DE RETENU DE DISQUE, PLATEAU A DISQUE, DISPOSITIF D'ENREGISTREMENT ET/OU LECTURE ET CHANGEUR DE DISQUE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FUKOKU CO., LTD. [JP/JP]; 105, Sugaya 3-chome, Ageo-shi, Saitama 362-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKIZAWA, Kazuyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HAMA, Toru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKAHASHI, Hisao [JP/JP]; c/o FUKOKU CO., LTD., 105, Sugaya 3-chome, Ageo-shi, Saitama 362-0003 (JP). KISHIDA, Hiroshi [JP/JP]; c/o FUKOKU CO., LTD., 105, Sugaya 3-chome, Ageo-shi, Saitama 362-0003 (JP).
- (74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP US.
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- (51)⁷ G11B 20/00
- (11) WO 02/086884 (13) A2
- (21) PCT/US02/12025
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 09/837,923 18 Apr/avr 2001 US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR DEFINING SIGNAL TIMING FOR AN INTEGRATED CIRCUIT DEVICE
• PROCEDE ET APPAREIL PERMETTANT DE DEFINIR LA SYNCHRONISATION DES SIGNAUX DANS UN DISPOSITIF A CIRCUIT INTEGRE
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) NISHTALA, Satyanarayana; 11522 Country Spring Ct., Cupertino, CA 95014 (US). SHENOY, Jayarama; 33975 Frederick Lane, Fremont, CA 94555 (US). CHOU, Tai-Yu; 3361 Marsh Hawk Court, Pleasanton, CA 94588 (US). FREDA, Michael; 2465 Fountain Oaks Drive, Morgan Hill, CA 95037 (US).
- (74) PARK, Richard; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 20/10, 7/007, 7/24
- (11) WO 02/086885 (13) A1
- (21) PCT/IB02/01458
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 01201485.8 24 Apr/avr 2001 EP
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RECORD CARRIER AND APPARATUS FOR SCANNING THE RECORD CARRIER
- SUPPORT D'ENREGISTREMENT ET APPAREIL DE BALAYAGE DU SUPPORT D'ENREGISTREMENT
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) SCHEP, Cornelis, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 20/10, G10L 19/00, G06F 12/14, H04N 5/91
- (11) WO 02/086886 (13) A1
- (21) PCT/JP02/03672
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) ja (26) ja
- (30) 2001-117105 16 Apr/avr 2001 JP
(16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RECORDING METHOD, RECORDING APPARATUS, REPRODUCTION METHOD AND REPRODUCTION APPARATUS
• PROCEDE D'ENREGISTREMENT, APPAREIL D'ENREGISTREMENT, PROCEDE DE REPRODUCTION ET APPAREIL DE REPRODUCTION
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWASHIMA, Tetsuji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SHISHIDO, Yukio [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 20/12, 27/32
- (11) WO 02/086887 (13) A1
- (21) PCT/IB02/01367
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en

- (30) 01201480.9 **24 Apr/avr 2001** EP
(**24.04.2001**)
- (30) 02075769.6 **27 Feb/fév 2002** EP
(**27.02.2002**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE AND METHOD FOR RECORDING INFORMATION
• DISPOSITIF ET PROCEDE POUR ENREGISTRER DES INFORMATIONS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WEIJENBERGH, Paulus, G., P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIJBOER, Jakob, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 20/12
- (11) WO 02/086888 (13) A2
- (21) PCT/IB02/01386
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 01201480.9 **24 Apr/avr 2001** EP
(**24.04.2001**)
- (30) 02075805.8 **28 Feb/fév 2002** EP
(**28.02.2002**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE AND METHOD FOR RECORDING INFORMATION
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'INFORMATIONS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WEIJENBERGH, Paulus, G. P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIJBOER, Jakob, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 20/12, 21/10
- (11) WO 02/086889 (13) A1
- (21) PCT/JP02/03721
- (22) 15 Apr/avr 2002 (15.04.2002)
- (25) ja (26) ja
- (30) 2001-121426 **19 Apr/avr 2001** JP
(**19.04.2001**)
- (30) 2001-311633 **9 Oct/oct 2001** JP
(**09.10.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DATA RECORDING METHOD AND APPARATUS, DATA REPRODUCING METHOD AND APPARATUS, AND DATA EDITING METHOD AND APPARATUS
• PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES, PROCEDE ET APPAREIL DE REPRODUCTION DE DONNEES, ET PROCEDE ET APPAREIL D'EDITION DE DONNEES
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKO, Yoichiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KAZAMI, Shinichi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). INOKUCHI, Tatsuya [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G11B 21/02, 7/005, 7/085, H02N 2/00
- (11) WO 02/086891 (13) A1
- (21) PCT/JP02/03960
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-123542 **20 Apr/avr 2001** JP
(**20.04.2001**)
- (30) 2001-379079 **12 Dec/déc 2001** JP
(**12.12.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RECORDING AND/OR REPRODUCING DEVICE
• DISPOSITIF D'ENREGISTREMENT ET/OU DE REPRODUCTION
- (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) KURITA, Kazuhito [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NOBORIMOTO, Kazutaka [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MATSUO, Norimasa [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 SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G11B 21/21
- (11) WO 02/086892 (13) A1
- (21) PCT/JP01/03404
- (22) 20 Apr/avr 2001 (20.04.2001)
- (25) ja (26) ja
- (30) 2001-121425 **19 Apr/avr 2001** JP
(**19.04.2001**)
- (30) 2001-311632 **9 Oct/oct 2001** JP
(**09.10.2001**)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DATA RECORD MEDIUM, DATA RECORDING METHOD AND APPARATUS, AND DATA TRANSMITTING METHOD AND APPARATUS
• SUPPORT D'ENREGISTREMENT DE DONNEES, PROCEDE ET DISPOSITIF D'ENREGISTREMENT DE DONNEES AINSI QUE PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HEAD SLIDER
• COULISSEAU POUR TETE
- (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) OHWE, Takeshi [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) MATSUMOTO, Takashi; MATSUMOTO & ASSOCIATES, Almond Akasaka Building 9th Floor, 2-2, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) JP US.
-
- (51)⁷ G11B 23/03, 23/28
- (11) WO 02/086893 (13) A1
- (21) PCT/JP02/03845
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-122434 20 Apr/avr 2001 JP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DISC CARTRIDGE AND PRODCUTION METHOD THEREOF
• CARTOUCHE DE DISQUE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANAKAWA, Eiichi [JP/JP]; 1-20-102, Saganakadai 8-chome, Kizu-cho, Soraku-gun, Kyoto 619-0223 (JP). KUROZUKA, Akira [JP/JP]; 1247-5, Koyama 7-chome, Fujiidera-shi, Osaka 583-0033 (JP). MINABE, Hitoshi [JP/JP]; 1261-14, Horaicho, Nara-shi, Nara 631-0844 (JP). YAMAMOTO, Tomio [JP/JP]; 4-14-6, Kanokodaikitamachi, Kita-ku, Kobe-shi, Hyogo 651-1513 (JP).
- (74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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).
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- (51)⁷ G11B 27/00, 20/10, 27/036
- (11) WO 02/086894 (13) A1
- (21) PCT/IB02/01316
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) en (26) en
- (30) 01201439.5 20 Apr/avr 2001 EP (20.04.2001)
- (30) 02075518.7 8 Feb/fév 2002 EP (08.02.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRICK PLAY FOR MP3
• FONCTIONS DE LECTURE SPECIALE POUR MP3
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) VAN DE KERKHOFF, Leon, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). OOMEN, Arnoldus, W., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PJANOVIC, Ilija; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 27/00, 27/10, H04N 5/76, 5/78, 5/782
- (11) WO 02/086895 (13) A1
- (21) PCT/JP02/03830
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) ja (26) ja
- (30) 2001-123539 20 Apr/avr 2001 JP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD
• APPAREIL ET PROCEDE DE TRAITEMENT D'INFORMATIONS
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOJIMA, Toshiaki [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) 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 G11B 27/03, G06F 17/30 // 12/06
- (11) WO 02/086898 (13) A1
- (21) PCT/IB02/01190
- (22) 4 Apr/avr 2002 (04.04.2002)
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 01201440.3 20 Apr/avr 2001 EP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR EDITING DATA STREAMS
• PROCEDE ET APPAREIL DE MISE EN FORME DE TRAIN DE DONNEES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) OOMEN, Arnoldus, W., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DE KERKHOFF, Leon, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZIJDERVELD, Francesco, F., 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 27/00, 27/28, 27/34, G06F 17/30, H04N 5/765, 5/445
- (11) WO 02/086897 (13) A1
- (21) PCT/IB02/01293
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) en (26) en
- (30) 01201422.1 19 Apr/avr 2001 EP (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • KEYFRAME-BASED PLAYBACK POSITION SELECTION METHOD AND SYSTEM
• PROCEDE ET SYSTEME POUR LA SELECTION DE POSITION DE LECTURE REPOSANT SUR L'UTILISATION D'IMAGES CLEFS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) DOBBELAAR, Astrid, M., F.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G11B 27/031, 20/10
- (11) WO 02/086896 (13) A1
- (21) PCT/IB02/01327

(25) en (26) en
(30) 01201494.0 25 Apr/avr 2001 EP
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND DEVICES FOR RECORDING OR READING FILES ON/FROM A SEQUENTIAL MEDIUM AND SEQUENTIAL MEDIUM
• PROCEDES ET DISPOSITIFS D'ENREGISTREMENT ET DE LECTURE DE FICHIERS SUR ET A PARTIR D'UN SUPPORT SEQUENTIEL, ET SUPPORT SEQUENTIEL CORRESPONDANT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) TOL, Ronald, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHOLL, Gerrit, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GESTEL, Wilhelmus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LUITJENS, Steven, B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE VRIES, Jan; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/02

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(21) PCT/CN02/00268

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01102921.9 24 Apr/avr 2001 CN
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A HOLDER FOR AN OPTICALLY READABLE INFORMATION DISC
• FOURRE POUR DISQUE D'INFORMATIONS LISIBLE DE MANIERE OPTIQUE

(71, 72) CHAN, Chak, Sang, Simon [CN/CN]; 4/F., 53 Tsui Fung Street, Wong Tai Sin, Kowloon, Hong Kong (CN). HAU, Shek, Wah [CN/CN]; 6E, Eva Court, 44 Broadcast Drive, Kowloon, Hong Kong (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 33/02, 23/02, 33/04

(11) WO 02/086900 (13) A1

(21) PCT/KR01/01638

(22) 28 Sep/sep 2001 (28.09.2001)

(25) en (26) en

(30) 2001/21754 23 Apr/avr 2001 KR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTITHEFT DISC CASE
• BOITIER ANTIVOL POUR DISQUE

(71) SKC CO., LTD. [KR/KR]; 633 Jeongjodong, Jangan-gu, 440-300 Suwon-city, Kyungki-do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHO, Dal-Ho [KR/KR]; 2-1002, Cheongshil Apt., Daecheidong, Gangnam-gu, 135-280 Seoul (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 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 UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/02, 11/412, 11/404

(11) WO 02/086901 (13) A2

(21) PCT/US02/11421

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 09/837,390 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOW POWER READ SCHEME FOR MEMORY ARRAY STRUCTURES

• PROCEDE DE LECTURE A FAIBLE CONSOMMATION D'ENERGIE POUR STRUCTURES DE MATRICES MEMOIRES

(71) SUN MICROSYSTEMS, INC. [US/US]; MS UPAL01-521, 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) KANT, Shree; 34307 Bodkin Terrace, Fremont, CA 94555 (US). SINGH, Gajendra, P.; 1045 West Washington Avenue, #9e, Sunnyvale, CA 94086 (US).

(74) ROSENTHAL, Alan, D. et al. / etc.; Rosenthal & Osha L.L.P., 1221 McKinney, Suite 2800, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G11C 7/10, G06F 12/06, 13/12

(11) WO 02/086902 (13) A1

(21) PCT/GB02/01819

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109663.5 19 Apr/avr 2001 GB
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VIDEO DATA STORAGE WITH MEMORY MODULES SERIALLY CONNECTED TO A UNIDIRECTIONAL DATA PATH

• DONNEES VIDEO A MODULES DE MEMOIRE CONNECTES EN SERIE A UN CHEMIN DE DONNEES UNIDIRECTIONNEL

(71) SNELL & WILCOX LIMITED [GB/GB]; 6 Old Lodge Place, St Margaret's, Twickenham, Middlesex TW1 1RQ (GB).

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(72, 75) OADES, David [GB/GB]; 12 Sawyer Close, Winchester, Hants SO22 5JX (GB). TEECE, Howard [GB/GB]; 17 Hubert Road, Winchester, Hants SO23 9RG (GB).

(74) GARRATT, Peter, Douglas 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).

Published / Publiée : (c)

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(11) WO 02/086903 (13) A2

(21) PCT/DE02/01504

- (22) **24 Apr/avr 2002 (24.04.2002)**
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 (30) 101 20 054.4 **24 Apr/avr 2001 DE (24.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SEMICONDUCTOR MEMORY ELEMENT
 • COMPOSANT DE MEMOIRE A SEMI-CONDUCTEURS
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OBERGRUSSBERGER, Franz-Xaver [DE/DE]; Hochstrasse 16, 84568 Pleiskirchen (DE). BAENISCH, Andreas [DE/DE]; Annette-Kolb-Anger 13, 81737 München (DE). ZIMMERMANN, Ellen [DE/DE]; Kaltbrunnerstrasse 7, 85653 Aying (DE).
- (74) EPPING, HERMANN & FISCHER; Rilderstrasse 55, 80339 München (DE).
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 (21) PCT/US02/10892
 (22) **8 Apr/avr 2002 (08.04.2002)**
 (25) en (26) en
 (30) 09/837,799 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VERTICAL GATE TOP ENGINEERING FOR IMPROVED GC AND CB PROCESS WINDOWS
 • PROCEDE DE FABRICATION DE PARTIE SUPERIEURE DE GRILLE VERTICALE POUR FENETRES DE TRAITEMENT GC ET CB AMELIOREES
- (71) INFINEON TECHNOLOGIES NORTH AMERICA CORP. [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US). INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (72) DYER, Thomas, W.; 110 Rock Ledge Drive, Pleasant Valley, NY 12569 (US). KUDELKA, Stephan, P.; 463 Van Wyck Lake Road, Fishkill, NY 12524 (US). JAIPRAKASH, Venkatachiam, C.; 39 C. Hudson View Drive, Beacon, NY 12540 (US). RADENS, Carl, J.; 35 Kuchler Drive, LaGrangeville, NY 12540 (US).
- (74) BRADEN, Stanton, C. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) DE JP KR.
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 (11) WO 02/086905 (13) A2
 (21) PCT/JP02/03713
 (22) **15 Apr/avr 2002 (15.04.2002)**
 (25) en (26) en
 (30) 2001-121029 **19 Apr/avr 2001 JP (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FERROELECTRIC MEMORY AND OPERATING METHOD THEREFOR
 • MEMOIRE FERROELECTRIQUE ET PROCEDE DE FONCTIONNEMENT
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihan Hondori 2-chome, Moriguchi-shi, Osaka 532-0011 (JP).
- (72) MATSUSHITA, Shigeharu; 4-10-13-609, Hoshida, Katano-shi, Osaka 576-0016 (JP).
- (74) MIYAZONO, Hirokazu; 7th FL., Shin-Nakajima BLDG., 9-20, Nishinakajima 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 29/00, 8/00
 (11) WO 02/086906 (13) A2
 (21) PCT/EP02/03913
 (22) **9 Apr/avr 2002 (09.04.2002)**
 (25) de (26) de
 (30) 101 19 125.1 **19 Apr/avr 2001 DE (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR THE COMPARISON OF THE ADDRESS OF A MEMORY ACCESS WITH THE ALREADY KNOWN ADDRESS OF A DEFECTIVE MEMORY CELL
 • PROCEDE POUR COMPARER L'ADRESSE D'UN ACCES MEMOIRE A UNE ADRESSE DEJA CONNUE D'UNE CELLULE DE MEMOIRE DEFECTUEUSE
- (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) KAISER, Robert [DE/DE]; Kolpingstr. 41, 86916 Kaufering (DE). SCHAMBERGER, Florian [DE/DE]; Nonn 39, 83435 Bad Reichenhall (DE).
- (74) WILHELM, Jürgen et al. / etc.; Wilhelm & Beck, Nymphenburger Str. 139, 80636 München (DE).
- (81) JP KR US.
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- (51)⁷ G11C 29/00
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 (22) **22 Apr/avr 2002 (22.04.2002)**
 (25) en (26) en
 (30) 01110213.4 **25 Apr/avr 2001 EP (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INTEGRATED CIRCUIT WITH SELF-TEST DEVICE FOR AN EMBEDDED NON-VOLATILE MEMORY AND RELATED TEST METHOD
 • CIRCUIT INTEGRE DOTE D'UN DISPOSITIF D'AUTOTEST POUR UNE MEMOIRE REMANENTE INCORPORÉE ET PROCEDE DE TEST ASSOCIE
- (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) GAPPISCH, Steffen [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FARKAS, Georg [CH/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) MEYER, Michael; Internationaal Octroibureau 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 G21B
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 (21) PCT/IB02/02283
 (22) **8 Mar/mar 2002 (08.03.2002)**
 (25) en (26) en
 (30) 60/274,211 **9 Mar/mar 2001 US (09.03.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NUCLEAR FUSION AND ENERGY CONVERSION APPARATUS
 • FUSION NUCLEAIRE ET APPAREIL DE CONVERSION D'ENERGIE
- (71, 72) PANARELLA, Emilio [CA/CA]; 2012 Woodglen Crescent, Gloucester, Ontario K1J 6G4 (CA).
- (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 G21F 5/002, 5/12
 (11) WO 02/086909 (13) A1
 (21) PCT/US02/12862
 (22) **23 Apr/avr 2002 (23.04.2002)**
 (25) en (26) en
 (30) 09/840,314 **23 Apr/avr 2001 US (23.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMPROVED VESSEL FOR URANIUM HEXAFLUORIDE TRANSPORT
 • CITERNE DE TRANSPORT AMELIOREE POUR DE L'HEXAFLUORURE D'URANIUM
- (71) COLUMBIANA BOILER COMPANY [US/US]; 200 West Railroad Street, Columbiana, OH 44408 (US).
- (72) DOUGHERTY, Thomas, F.; 15170 Heritance Lane, Chagrin Falls, OH 44022 (US). RUMMEL, Trevor, M.; 37933 Longs Crossing Road, Leetonia, OH 44431 (US).
- (74) JACOBS, Christopher, B. et al. / etc.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H01B

(11) WO 02/086910 (13) A2

(21) PCT/US02/12233

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/839,126 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD AND SYSTEM FOR FORMING ELECTRICALLY CONDUCTIVE PATHWAYS
• PROCÉDE ET SYSTÈME PERMETTANT DE CONSTITUER DES CHEMINS ELECTROCONDUCTEURS

(71) APPLETON PAPERS INC. [US/US]; 825 E. Wisconsin Avenue, P.O. Box 359, Appleton, WI 54912-0359 (US).

(72) DEBRAAL, John, Charles; W2437 Green-spire Way, Appleton, WI 54915 (US).

(74) MIELIULIS, Benjamin; Appleton Papers Inc., Law Department, 1400 N. Rankin Street, P.O. Box 359, Appleton, WI 54912-0359 (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 H01B 1/20, 1/22, 1/24, C08K 3/22, 3/34, 7/08, 7/10, C08L 83/04

(11) WO 02/086911 (13) A1

(21) PCT/US01/11728

(22) 23 Apr/avr 2001 (23.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONDUCTIVE, SILICONE-BASED COMPOSITIONS WITH IMPROVED INITIAL ADHESION AND REDUCED MICROVOIDING
• COMPOSITIONS CONDUCTRICES A BASE DE SILICONE PRESENTANT UNE ADHERENCE INITIALE AMÉLIORÉE ET UNE FORMATION DE MICROVIDES RÉDUITE

(71) LOCTITE CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

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(72, 75) CROSS, Robert, P. [US/US]; 3290 Main Street, Rocky Hill, CT 06067 (US). BENNINGTON, Lester, D. [US/US]; 67 Maple Street, East Hartford, CT 06118 (US).

(74) BAUMAN, Steven, C.; Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(81) 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 H01B 3/30

(11) WO 02/086912 (13) A1

(21) PCT/SE02/00489

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 0101361-4 19 Apr/avr 2001 SE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL FIBRE SUBMARINE REPEATER CABLE WITH COMBINED INSULATION/JACKET AND COMPOSITION THEREFOR

• CABLE REPÉTEUR IMMERGE A FIBRES OPTIQUES, DOTE D'UNE COMBINAISON REVÊTEMENT ISOLANT/GAINE, ET COMPOSITION ASSOCIÉE

(71) BOREALIS TECHNOLOGY OY [FI/FI]; PO Box 330, F-06101 Porvoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTINSSON, Hans-Bertil [SE/SE]; Ekbacken 9, S-472 95 Värekil (SE). LAURENSEN, Paul [BE/BE]; 107 Avenue de la Forêt, B-1000 Bruxelles (BE). HAMPTON, Robert, Nigel [GB/SE]; Snipan 3, S-444 30 Stenungsund (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 5/14, 13/00, 7/00, 7/18, C08J 7/18, G02F 1/00

(11) WO 02/086913 (13) A1

(21) PCT/JP02/01067

(22) 8 Feb/fév 2002 (08.02.2002)

(25) ja (26) ja

(30) 2001-118666 17 Apr/avr 2001 JP (17.04.2001)

(30) 2001-358340 22 Nov/nov 2001 JP (22.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONDUCTIVE ORGANIC THIN FILM AND PRODUCTION METHOD THEREFOR, ELECTRODE AND ELECTRIC CABLE USING IT

• FILM MINCE ORGANIQUE CONDUCTEUR ET SON PROCÉDE DE PRODUCTION, ELECTRODE ET CABLE ELECTRIQUE UTILISANT CE FILM

(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) OGAWA, Kazufumi [JP/JP]; 2-3-50, Aoyama, Nara-shi, Nara 630-8101 (JP). MINO, Norihisa [JP/JP]; 8-1-30-B601, Ayameikeminami, Nara-shi, Nara 631-0033 (JP). YAMAMOTO, Shinichi [JP/JP]; 174-12, Kuzuhamentori-cho, Hirakata-shi, Osaka 573-1113 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/00

(11) WO 02/086914 (13) A2

(21) PCT/DE02/01392

(22) 15 Apr/avr 2002 (15.04.2002)

(25) de (26) de

(30) 101 19 653.9 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTI CONDUCTOR ARRANGEMENT FOR TRANSFERRING ENERGY AND/OR DATA

• SYSTÈME A PLUSIEURS CONDUCTEURS POUR LA TRANSMISSION D'ÉNERGIE ET/OU DE DONNÉES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREINER, Robert [DE/DE]; Dr.-Ludwig-von-Raufer-Str. 2b, 91083 Baiersdorf (DE). KRESS, Toni [DE/DE]; Tilsiter Str. 19, 91207 Lauf (DE). OCHSENKÜHN,

Manfred [DE/DE]; Kanalstr. 14, 92348 Berg (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 **H01B 7/04, A61B 5/0428, H01B 7/00**

(11) **WO 02/086915** (13) A1

(21) PCT/EP02/02773

(22) **13 Mar/mar 2002 (13.03.2002)**

(25) de (26) de

(30) 101 12 051.6 **14 Mar/mar 2001 DE (14.03.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRANSMISSION CABLE FOR MEDICAL SIGNAL VALUES

• CABLE DE TRANSMISSION POUR VALEURS DE SIGNALISATION MEDICALES

(71) **LEONI KABEL GMBH & CO KG** [DE/DE]; Marienstrasse 7, 90402 Nürnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WECHSLER, Peter** [DE/DE]; Pfälzertrasse 21, 91180 Heideck (DE).

(74) **TERGAU & POHL**; Mögeldorf Hauptstrasse 51, 90482 Nürnberg (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 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 **H01B 11/22**

(11) **WO 02/086916** (13) A2

(21) PCT/SE02/00490

(22) **15 Mar/mar 2002 (15.03.2002)**

(25) en (26) en

(30) 0101360-6 **19 Apr/avr 2001 SE (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL FIBRE SUBMARINE REPEATER CABLE WITH COMBINED INSULATION/JACKET

• CABLE DE REPETEUR SOUS-MARIN DE FIBRES OPTIQUES POURVU D'UNE ISOLATION/D'UNE GAINE COMBINEES

(71) **BOREALIS TECHNOLOGY OY** [FI/FI]; P.O. Box 330, FI-06101 Porvoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINSSON, Hans-Bertil** [SE/SE]; Ekbacken 9, S-472 95 Varekil (SE). **LAURENSEN, Paul** [BE/BE]; 107 Avenue de la Forêt, B-1000 Bruxelles (BE). **HAMPTON, Robert, Nigel** [GB/SE]; Snipan 3, S-444 30 Stenungsund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01F 7/02, G01D 5/165, 5/251**

(11) **WO 02/086917** (13) A1

(21) PCT/DE02/01034

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) de (26) de

(30) 101 19 317.3 **19 Apr/avr 2001 DE (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PASSIVE MAGNETIC POSITION SENSOR

• DETECTEUR DE POSITION MAGNETIQUE PASSIF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PENZAR, Zlatko** [DE/DE]; An der Kreuzheck 52, 60529 Frankfurt (DE). **ECK, Karl** [DE/DE]; Lenastrasse 36, 60318 Frankfurt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU BR 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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CN IN 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 **H01F 7/16, F16K 31/02**

(11) **WO 02/086918** (13) A1

(21) PCT/US02/12585

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) en (26) en

(30) 60/284,821 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SOLENOID VALVES ACTUATOR ENCAPSULATION

• ENCAPSULATION D'ACTIONNEUR DE VALVES A SOLENOIDE

(71) **ASCO CONTROLS, L.P.** [US/US]; 50 Hanover Road, Florham Park, NJ 07932 (US).

(72) **LAMARCA, Drew**; 16 Behrens Dr., Whippany, NJ 07981 (US). **LEE, King, W.**; 804 Bound Brook Avenue, Raritan NJ 08869 (US). **HALLER, John, J.**; 230 Mechanic Street, Boonton, NJ 07005 (US). **ARCEO, Emmanuel**; 294 Sylvan Road, Bloomfield, NJ 07007 (US).

(74) **MCDERMOTT, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 7/18, F16H 61/00, F16K 31/06, H02M 3/155, H02P 5/17**

(11) **WO 02/086919** (13) A1

(21) PCT/JP02/03981

(22) **22 Apr/avr 2002 (22.04.2002)**

(25) ja (26) ja

(30) 2001-123462 **20 Apr/avr 2001 JP (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SOLENOID DRIVE APPARATUS AND DRIVE METHOD

• APPAREIL DE COMMANDE A SOLENOIDE ET PROCEDE DE COMMANDE

(71) **SANKEN ELECTRIC CO., LTD.** [JP/JP]; 6-3, Kitano 3-chome, Niiza-shi, Saitama 352-8666 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Kiyokatsu** [JP/JP]; c/o Sanken Electric Co., Ltd., 6-3, Kitano 3-chome, Niiza-shi, Saitama 352-8666 (JP).

(74) **KIMURA, Mitsuru**; 7th Floor, Kyohan Building, 7, Kandanishiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (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 **H01F 19/06, 17/00**

(11) **WO 02/086920** (13) A1

(21) PCT/JP02/03828

(22) **17 Apr/avr 2002 (17.04.2002)**

- (25) ja (26) ja
- (30) 2001-121718 19 Apr/avr 2001 JP
(19.04.2001)
- (30) 2002-100719 3 Apr/avr 2002 JP
(03.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LAMINATED BALUN TRANSFORMER
• TRANSFORMATEUR DE SYMETRISEUR LAMINE
- (71) MURATA MANUFACTURING CO., LTD. [JP/JP]; 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAZAKI, Hirokazu [JP/JP]; c/o Intellectual Property Group, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).
TOUJO, Atsushi [JP/JP]; c/o Intellectual Property Group, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (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 H01F 27/25, 41/02
- (11) WO 02/086921 (13) A1
- (21) PCT/US02/12985
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 09/841,944 25 Apr/avr 2001 US
(25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • 3-LIMB AMORPHOUS METAL CORES FOR THREE-PHASE TRANSFORMERS
• NOYAUX METALLIQUES A TROIS BRANCHES POUR TRANSFORMATEURS TRIPHASIQUES
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) NGO, Dung, A.; 130 Littleton Road, Morris Plains, NJ 07950 (US). BORGMEIER, Kimberly, M.; 1530 Gulf Stream Court, Surfside Beach, SC 29575 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 41/04, H01G 4/002, H01C 17/06
- (11) WO 02/086922 (13) A1
- (21) PCT/SE02/00784
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 0101378-8 20 Apr/avr 2001 SE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MICRO-REPLICATED MINIATURISED ELECTRIC COMPONENTS
• COMPOSANTS ELECTRIQUES MINIATURISES OBTENUS PAR MICRO-REPLICATION
- (71) ÅMIC AB [SE/SE]; Uppsala Science Park Glutten, S-751 83 Uppsala (SE). NOKIA CORPORATION [FI/FI]; P.O. Box 226, FIN-00045 Nokia Group (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RYHÄNEN, Tapani [FI/FI]; Koroistentie 6B A3, FIN-00280 Helsingfors (FI). SCHECK, Hans, Otto [FI/FI]; Hanikka 14, FIN-02360 Espo (FI). ÖHMAN, Ove [SE/SE]; Asplunda, Uppsala-Näs, S-755 91 Uppsala (SE). LARSSON, Olle [SE/SE]; Ruddammsvägen 35A, S-114 21 Stockholm (SE). READ, Mike [SE/SE]; Svärmarevägen 60, S-194 53 Upplands Väsby (SE). LINDSTRÖM, Tomas [SE/SE]; Gärdesvägen 25B, S-756 51 Uppsala (SE).
- (74) AWAPATENT AB; Box 45086, S-104 30 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01G
- (11) WO 02/086923 (13) A2
- (21) PCT/US02/12244
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,822 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS OF MAKING A NIOBIUM METAL OXIDE
• PROCEDES POUR PRODUIRE UN OXYDE DE NIOBIUM
- (71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).
- (72) KIMMEL, Jonathon, L.; 5008 Bluebird Circle, Audubon, PA 19403 (US). QIU, Yongjian; 27 Bowes Lane, Reading, PA 19606 (US).
- (74) CHEATHAM, Timothy, A.; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM
- DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H01G 4/12
- (11) WO 02/086924 (13) A1
- (21) PCT/JP02/03966
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-122442 20 Apr/avr 2001 JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD OF PRODUCING ELECTRONIC PARTS, AND MEMBER FOR PRODUCTION THEREOF
• PROCEDE DE PRODUCTION DE PIECES ELECTRONIQUES, ET ELEMENT DE PRODUCTION ASSOCIE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAO, Keiichi [JP/JP]; 6-1-311, Kamijima-cho, Hirakata-shi, Osaka 573-1127 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H01H 1/00, 3/16, 9/00
- (11) WO 02/086925 (13) A1
- (21) PCT/US02/11615
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) en (26) en
- (30) 09/838,465 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MULTIFUNCTIONAL WINDSHIELD WIPER STALK SWITCH
• SELECTEUR D'ESSUIE-GLACE MULTIFONCTIONNEL
- (71) METHODE ELECTRONICS, INC. [US/US]; 7401 W. Wilson Avenue, Chicago, IL 60706 (US).
- (72) KARASIK, Vladimir; 225 Glenwood Drive, Walled Lake, MI 48390 (US). KHOURY, Joseph; Franz Killian Strasse 15, 55442 Stromberg (DE). SHAHAN, Michael; 14811 Russell, Allen Park, MI 48101 (US).
- (74) WOLFE, Charles, R., Jr. et al. / etc.; Blank Rome Comisky & McCauley LLP, 900 17th Street, NW, Suite 1000, Washington, DC 20006 (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 H01H 3/30

(11) WO 02/086926 (13) A1

(21) PCT/DE02/01156

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 20 783.2 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LATCHING MECHANISM FOR LOCKING A SPRING ENERGY STORE

- MECANISME DE VERROUILLAGE DESTINE AU VERROUILLAGE D'UN ACCUMULATEUR A RESSORTS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAHL, Jörg-Uwe [DE/DE]; Am Plötzhorn 45, 14542 Werder (DE). GODESA, Ludvik [YU/DE]; Eisenacher Strasse 115, 10777 Berlin (DE). HOHENBERGER, Ralph [DE/DE]; Rotkehlchenstrasse 4, 14656 Brieselang (DE). LIEBETRUTH, Marc [DE/DE]; Hubertusallee 60, 16548 Glienicke (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN IN 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 IN 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 H01H 37/54, H01M 2/34

(11) WO 02/086927 (13) A1

(21) PCT/JP02/03687

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-122051 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SAFETY DEVICE

- DISPOSITIF DE SECURITE

(71) UCHIYA THERMOSTAT CO., LTD. [JP/JP]; 2-176-1, Takasu, Misato-shi, Saitama 341-0037 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKEDA, Hideaki [JP/JP]; c/o UCHIYA THERMOSTAT CO., LTD., 2-176-1, Takasu, Misato-shi, Saitama 341-0037 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) CN US.

(84) EP (DE FI GB).

(51)⁷ H01H 50/46, 50/04, H02B 1/052

(11) WO 02/086928 (13) A2

(21) PCT/US02/13175

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 09/681,542 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTROMAGNETIC CONTACTOR AND METHOD FOR ELIMINATING ERRORS IN ASSEMBLING THE SAME

- CONTACTEUR ELECTROMAGNETIQUE ET PROCEDE PERMETTANT D'ELIMINER DES ERREURS LORS DE L'ASSEMBLAGE DUDIT CONTACTEUR

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) ALLADA, Sudarshan; Flat No. 201, Jayashree Towers, Vivekananda Nagar Colony, Kukatpally, Hyderabad 500 072, Andhra Pradesh (IN). THATIGOLLA, Padmanabham; H. No.1-213/1, Ramnagar, Hyderabad 500 048, Andhra Pradesh (IN). VISHWANATHA, Gowda, Mahuradrapa; No. 3371/1, M.C.C. "B" Block, Davanagere 577 004, Karnataka (IN). DICARLO, Nicholas, John; 41 Whitman Avenue, West Hartford, CT 06107 (US). CAMPBELL, Thomas, Randolph; 21 Plumb Hill Road, Washington, CT 06793 (US). CASAGRANDE, Robert, John; 87 Still Road, Oxford, CT 06478 (US). CRAFT, Hamon, Leroy; 94 White Oak Avenue, Plainville, CT 06062 (US).

(74) COLBURN, Philmore, H., II.; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US) et al. / etc.

(81) CN.

(51)⁷ H01H 73/00

(11) WO 02/086929 (13) A1

(21) PCT/DE02/01282

(22) 8 Apr/avr 2002 (08.04.2002)

(25) de (26) de

(30) 101 19 458.7 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SWITCHGEAR UNIT FOR A CONSUMER, ESPECIALLY A MOTOR STARTER

- UNITE DE DISTRIBUTION, NOTAMMENT DEMARREUR DE MOTEUR, POUR UN CONSOMMATEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) BUSCH, Klaus [DE/DE]; Bonnhöfferstr. 14, 92224 Amberg (DE). FREIMUTH, Michael [DE/DE]; Hauptstr. 58, 92242 Hirschau (DE). GEBHARDT, Manuela [DE/DE]; Seidlbrandweg 8, 92266 Wolfsbach (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).

Declaration / Déclaration :

(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)

(51)⁷ H01H 85/47

(11) WO 02/086930 (13) A1

(21) PCT/US02/12420

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/284,819 19 Apr/avr 2001 US (19.04.2001)

(30) 09/683,496 9 Jan/jan 2002 US (09.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR COOLING ELECTRICAL FUSES

- PROCEDE ET APPAREIL DE REFROIDISSEMENT DE FUSIBLES ELECTRIQUES

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) LINDHOLM, Brian, Eric; 616 Fairview Avenue, Blacksburg, VA 24060 (US). PATE, Paul, Stephen; 3221 Anthony Lane, Troutville, VA 24175 (US). RITTER, Allen, Michael; 3617 Verona Terrace, Roanoke, VA 24018 (US).

(74) CHASKIN, Jay, L. et al. / etc.; General Electric Company, International Patent Operations, 3135 Easton Turnpike, 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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 1/00, 1/02, 1/30, 1/304, 1/36, 1/38

(11) WO 02/086931 (13) A1

(21) PCT/US02/11190

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,864 19 Apr/avr 2001 US (19.04.2001)

(30) 10/102,467 20 Mar/mar 2002 US (20.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FIELD-EMISSION MATRIX DISPLAY BASED ON LATERAL ELECTRON REFLECTIONS

- DISPOSITIF D'AFFICHAGE MATRIciel A EMISSION DE CHAMP FONDE

SUR DES REFLEXIONS D'ELECTRONS LATERALES

(71) COPYTELE, INC. [US/US]; 900 Walt Whitman Road, Melville, NY 11746 (US). VOLGA SVET LTD. [RU/RU]; 10 Prospekt 50, Let Oegyabra, Saratov, 410052 (RU).

(72) KASTALSKY, Alexander; 3 Kenneth Drive, Wayside, NJ 07712 (US). SHOKHOR, Sergey; 6 Thomas Street, Sound Beach, NY 11789 (US). DISANTO, Frank, J.; 27 Par Court, North Hills, NY 11030 (US). KRUSOS, Denis, A.; 1 Lloyd Harbor Road, Lloyd Harbor, NY 11743 (US). GORFINKEL, Boris; Zoya Kosmedemyanskaya str. 4, Apt. 20, Saratov, 410033 (RU). ABANSHIN, Nikolai; 13th Shelkovichny proyezd, I/II, Apt. 66, Saratov, 410071 (RU).

(74) DUANE MORRIS LLP; 100 College Road West, Suite 100, 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).

Published / Publiée : (c)

(51)⁷ H01J 7/24

(11) WO 02/086932 (13) A1

(21) PCT/US02/11542

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/285,360 20 Apr/avr 2001 US (20.04.2001)

(30) 60/285,361 20 Apr/avr 2001 US (20.04.2001)

(30) 60/285,364 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MAGNETIC MIRROR PLASMA SOURCE
• SOURCE DE PLASMA A MIROIR MAGNETIQUE

(71) APPLIED PROCESS TECHNOLOGIES [US/US]; 546 East 25th Street, Tucson, AZ 85713 (US).
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(72, 75) MADOCKS, John, E. [US/US]; 110 East Yvon Drive, Tucson, AZ 85704 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/24, 29/86

(11) WO 02/086933 (13) A2

(21) PCT/IB02/01291

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 01201418.9 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MANUFACTURING A GLASS PANEL FOR A CATHODE RAY TUBE
• PROCEDE DE FABRICATION D'UN PANNEAU DE VERRE POUR UN TUBE CATHODIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) KUIN, Georgius, P., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TUIN, Hermanus, N.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). OOSTERHOUT, Gerhardus, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN WERMESKERKEN, Stephanie, C.; 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 H01J 01/05, G09G 03/28

(11) WO 02/086934 (13) A1

(21) PCT/US02/11028

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,864 19 Apr/avr 2001 US (19.04.2001)

(30) 60/355,683 7 Feb/fév 2002 US (07.02.2002)

(30) 10/102,450 20 Mar/mar 2002 US (20.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FIELD-EMISSION MATRIX DISPLAY BASED ON ELECTRON REFLECTIONS
• DISPOSITIF D'AFFICHAGE MATRIciel A EMISSION DE CHAMP FONDE SUR DES REFLEXIONS D'ELECTRONS

(71) COPYTELE, INC. [US/US]; 900 Walt Whitman Road, Melville, NY 11746 (US). VOLGA SVET LTD. [RU/RU]; 10 Prospekt 50, Let Oegyabra, Saratov 410052 (RU).

(72) KASTALSKY, Alexander; 3 Kenneth Drive, Wayside, NJ 07712 (US). SHOKHOR, Sergey; 6 Thomas Street, Sound Beach, NY 11789 (US). DISANTO, Frank, J.; 27 Par Court, North Hills, NY

11030 (US). KRUSOS, Denis, A.; 1 Lloyd Harbor Road, Lloyd Harbor, NY 11743 (US). GORFINKEL, Boris; Zoya Kosmedemyanskaya str. 4, Apt. 20, Saratov, 410033 (RU). ABANSHIN, Nikolai; 13th Shelkovichny proyezd, I/II, Apt. 66, Saratov, 410071 (RU).

(74) PLEVY, Arthur, L.; Duane Morris LLP, 100 College Road West, Suite 100, 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).

Published / Publiée : (c)

(51)⁷ H01J 17/49

(11) WO 02/086935 (13) A2

(21) PCT/US02/03289

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/777,655 7 Feb/fév 2001 US (07.02.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HIGH EFFICIENCY PLASMA DISPLAY PANEL DEVICE AND METHOD OF FABRICATING THE SAME
• DISPOSITIF A ECRAN A PLASMA DE HAUTE EFFICACITE ET PROCEDE DE FABRICATION ASSOCIE

(71) PLASMION DISPLAYS, LLC [US/US]; 2840 Hershberger Road, Roanoke, VA 24017 (US).

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(72, 75) KIM, Steven [US/US]; 228 Blanch Avenue, Harrington Park, NJ 07640 (US).

(74) BOSWELL, Mary Jane et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 23/065, 1/46, 3/02, 25/04

(11) WO 02/086936 (13) A1

(21) PCT/US02/06052

(22) 1 Mar/mar 2002 (01.03.2002)

- (25) en (26) en
- (30) 09/839,207 **23 Apr/avr 2001** US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LINEAR BEAM SERVICES WITH A GRIDDED ELECTRON GUN
• DISPOSITIFS DE FAISCEAUX LINEAIRES MUNIS D'UN CANON A GRILLE D'ELECTRONS
- (71) LITTON SYSTEMS, INC. [US/US]; 21240 Burbank Blvd., Woodland Hills, CA 91367 (US).
- (72) SCHULT, Holger; 672 Old Cement Road, Montoursville, PA 17754 (US). CIPOLLA, John; 2351 Calvert Road, Trout Run, PA 17771 (US).
- (74) BERNER, Kenneth, M.; Lowe Hauptman Gilman & Berner, LLP, 1700 Diagonal Rd., Suite 310, 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 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 H01J 29/00
- (11) WO 02/086938 (13) A2
- (21) PCT/IB02/01296
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) en (26) en
- (30) 01201419.7 **19 Apr/avr 2001** EP
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR MANUFACTURING A GLASS PANEL FOR A CATHODE RAY TUBE
• PROCEDE POUR PRODUIRE UNE PAROIE DE VERRE DESTINEE A UN TUBE CATHODIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) KUIN, Georgius, P., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TUIN, Hermanus, N.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VAN WERMESKERKEN, Stephanie, C.; 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 H01J 27/00
- (11) WO 02/086937 (13) A1
- (21) PCT/US02/11541
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) en (26) en
- (30) 60/285,360 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/285,361 **20 Apr/avr 2001** US
(20.04.2001)
- (30) 60/285,364 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIPOLE ION SOURCE
• SOURCE D'IONS DIPOLE
- (71) APPLIED PROCESS TECHNOLOGIES [US/US]; 546 East 25th Street, Tuscon, AZ 85713 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MADOCKS, John, E. [US/US]; 110 East Yvon Drive, Tuscon, AZ 85704 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 31/12, 1/48, 29/87
- (11) WO 02/086940 (13) A1
- (21) PCT/JP02/03914
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
- (30) 2001-122557 **20 Apr/avr 2001** JP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMAGE DISPLAY DEVICE
• AFFICHEUR
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
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- (72, 75) MURATA, Hirotaaka [JP/JP]; 10-19, Higashigatacho 1-chome, Fukaya-shi, Saitama 366-0042 (JP). NISHIMURA, Takashi [JP/JP]; 3168-1, Uwanodai, Fukaya-shi, Saitama 366-0801 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB IT NL).
- Published / Publiée : (c)
- (51)⁷ H01J 37/244
- (11) WO 02/086941 (13) A1
- (21) PCT/US02/12473
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/338,579 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DETECTOR OPTICS FOR ELECTRON BEAM INSPECTION SYSTEM
• COMPOSANTS OPTIQUES DE DETECTION POUR SYSTEME DE CONTROLE DE FAISCEAU ELECTRONIQUE
- (71) MULTIBEAM SYSTEMS, INC. [US/US]; 2238 Martin Avenue, Santa Clara, CA 95050 (US).
- (72) PARKER, Norman, William; 2611 Burrell Drive, Fairfield, CA 94533 (US). YIN, Edward, M.; 11249 Palos Verdes Ct., Cupertino, CA 95014 (US). TSAI, Frank, Ching-Feng; 14600 D Big Basin Way, Saratoga, CA 95070 (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 37/28, 37/301
(11) WO 02/086942 (13) A1
(21) PCT/GB02/01901
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 0109704.7 20 Apr/avr 2001 GB
(20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SCANNING ELECTRON MICROSCOPE
• MICROSCOPE ELECTRONIQUE A BALAYAGE
(71) LEO ELECTRON MICROSCOPY LIMITED [GB/GB]; Clifton Road, Cambridge CB1 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DEAN, Michael, Frank [GB/GB]; 56 Denny End Road, Waterbeach, Cambridge CB5 9PB (GB). MARTIN, Giles, Adam, Edward [GB/GB]; 44 St Johns Avenue, Newmarket, Suffolk CB8 8BL (GB).
(74) KEITH, W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (GB).
(81) CZ 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 H01J 37/32
(11) WO 02/086943 (13) A1
(21) PCT/US02/11966
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 09/840,320 23 Apr/avr 2001 US
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • APPARATUS AND METHOD FOR IMPROVING PLASMA DISTRIBUTION AND PERFORMANCE IN AN INDUCTIVELY COUPLED PLASMA
• DISPOSITIF ET PROCEDE PERMETTANT D'AMELIORER LA DISTRIBUTION ET LES PERFORMANCES D'UN PLASMA INDUCTIF
(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(71) TOKYO ELECTRON ARIZONA, INC. [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85233-8205 (US).
(only for / seulement pour JP)
(72) BRCKA, Jozef; 914 W. Laurel Avenue, Gilbert, AZ 85233 (US).
(74) FREI, Donald, F. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 H01J 43/30
(11) WO 02/086944 (13) A1
(21) PCT/AU02/00384
(22) 28 Mar/mar 2002 (28.03.2002)
(25) en (26) en
(30) PR 4558 24 Apr/avr 2001 AU
(24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • VOLTAGE DIVIDER CIRCUIT FOR AN ELECTRON MULTIPLIER
• CIRCUIT DE REDUCTION DE TENSION POUR UN MULTIPLICATEUR D'ELECTRONS
(71) VARIAN AUSTRALIA PTY LTD [AU/AU]; 679 Springvale Road, Mulgrave, Victoria 3170 (AU).
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(72, 75) GREGORY, Robert, Paul [AU/AU]; 9 Alta Street, Canterbury, Victoria 3126 (AU).
(74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).
(81) AU CA JP US.
(84) EP (DE FR GB).

(51)⁷ H01J 49/00
(11) WO 02/086945 (13) A2
(21) PCT/GB02/01753
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 0109883.9 23 Apr/avr 2001 GB
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICES AND METHODS FOR THE DETECTION OF PARTICLES
• DISPOSITIFS ET PROCEDES DE DETECTION DE PARTICULES
(71) AMERSHAM BIOSCIENCES UK LIMITED [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHARMA, Shiv [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9NA (GB).
(74) FRANKS, Barry et al. / etc.; Amersham plc, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU 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 49/40, G01N 27/64
(11) WO 02/086946 (13) A1
(21) PCT/US02/12390
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 09/842,383 25 Apr/avr 2001 US
(25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD AND APPARATUS FOR SEPARATING IONS IN TIME AS FUNCTIONS OF PRESELECTED ION MOBILITY AND ION MASS
• PROCEDE ET APPAREIL POUR SEPARER DES IONS DANS LE TEMPS SOUS FORME DE FONCTIONS DE MOBILITE DES IONS ET MASSE IONIQUE
(71) ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC. [US/US]; 1000 Waterway Boulevard, Suite 100, Indianapolis, IN 46202 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CLEMMER, David, E. [US/US]; 1801 Burma Road, Gosport, IN 47433 (US).
(74) MICHAEL, Jeffrey, A. et al. / etc.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086947 (13) A2
(21) PCT/US02/10893
(22) 8 Apr/avr 2002 (08.04.2002)
(25) en (26) en
(30) 09/837,805 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • A METHOD FOR MAKING A METAL-INSULATOR-METAL CAPACITOR USING PLATE-THROUGH MASK TECHNIQUES
• PROCEDE DE FABRICATION D'UN CONDENSATEUR METAL-ISO-LANT-METAL UTILISANT LE MASQUAGE PAR PLAQUE
(71) INFINEON TECHNOLOGIES NORTH AMERICA CORP. [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US). INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

- (72) **WONG, Kwong, H.**; 42 Mina Drive, Wappingers Falls, NY 12590 (US). **NING, Xian, J.**; 3872 Marcy Street, Mohegan Lake, NY 10547 (US).
- (74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (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 H01L 21/00
- (11) WO 02/086948 (13) A2
- (21) PCT/EP02/04304
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) de (26) de
- (30) 201 06 908.3 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRANSPORT CASSETTE FOR SEMI-CONDUCTOR SUBSTRATE MASKS
• CASSETTE DE TRANSPORT POUR MASQUES DE SUBSTRATS A SEMI-CONDUCTEURS
- (71) **ACR AUTOMATION IN CLEANROOM GMBH** [DE/DE]; Villinger Strasse 2-4, 78078 Niedereschach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DECLERCQ, Daniel** [DE/DE]; Lärchenweg 9, 78078 Niedereschach (DE). **JÄGER, Felix** [DE/DE]; Hindelwanger Strasse 7, 78333 Stockach (DE).
- (74) **FUHLENDORF, Jörn**; Dreiss, Fuhendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H01L 21/00
- (11) WO 02/086949 (13) A2
- (21) PCT/EP02/04305
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) de (26) de
- (30) 201 06 909.1 21 Apr/avr 2001 DE (21.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRANSPORT BOX FOR OPTICAL MASKS
• BOITIER DE TRANSPORT POUR MASQUES OPTIQUES
- (71) **ACR AUTOMATION IN CLEANROOM GMBH** [DE/DE]; Villinger Strasse 2-4, 78078 Niedereschach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (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 KE KP KR NZ SG TZ UG 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 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 (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) **KRÜGER-VELTHUSEN, Eva** [DE/DE]; Utendorfer-Strasse 2, 98617 Meiningen (DE). **DECLERCQ, Daniel** [DE/DE]; Lärchenweg 9, 78078 Niedereschach (DE). **JÄGER, Felix** [DE/DE]; Hindelwanger-Strasse 7, 98333 Stockach (DE).
- (74) **FUHLENDORF, Jörn**; Dreiss, Fuhendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H01L 21/00
- (11) WO 02/086950 (13) A1
- (21) PCT/US02/12186
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 09/838,414 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR WAFER EXCHANGE EMPLOYING STACKED ROBOT BLADES
• PROCEDE ET SYSTEME DE REALISATION D'UN TRANSFERT THERMIQUE ENTRE UNE PIECE A USINER ET UN CORPS CHAUFFE DISPOSES DANS UNE CHAMBRE
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **PERLOV, Ilya** (deceased / décédé). **DRAPKIN, Elena** (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé); 440 Cesano Court #205, Palo Alto, CA 94306 (US). **TSYBULSKY, Gregory**; 201 Michael Drive #A3, Campbell, CA 94008 (US). **GODER, Alexey**; 832 Duncardine Way, Sunnyvale, CA 94087 (US).
- (74) **DUGAN, Valerie, G.** et al. / etc.; Dugan & Dugan, LLP, 18 John Street, Tarrytown, NY 10591 (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)
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- (51)⁷ H01L 21/00
- (11) WO 02/086951 (13) A1
- (21) PCT/US02/07803
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) en (26) en
- (30) 09/838,126 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM TO ACHIEVE THERMAL TRANSFER BETWEEN A WORKPIECE AND A HEATED BODY DISPOSED IN A CHAMBER
• PROCEDE ET SYSTEME DE REALISATION D'UN TRANSFERT THERMIQUE ENTRE UNE PIECE A USINER ET UN CORPS CHAUFFE DISPOSES DANS UNE CHAMBRE
- (71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) **TROST, David**; 1201 California Street, San Francisco, CA 94109 (US). **CHILESE, Francis, C.**; 7366 Sedgfield Avenue, San Ramon, CA 94583 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 21/20, 27/06, 21/316, 21/8258
- (11) WO 02/086952 (13) A1
- (21) PCT/US02/04851
- (22) 19 Feb/fév 2002 (19.02.2002)
- (25) en (26) en
- (30) 09/840,213 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MIXED-SIGNAL SEMICONDUCTOR STRUCTURE
• STRUCTURE DE SEMI-CONDUCTEURS A SIGNAUX MIXTES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **EMRICK, Rudy, M.**; 1617 E. Heather Avenue, Gilbert, AZ 85234 (US). **WARBLE, Keith, V.**; 3215 S. Laguna, Chandler, AZ 85248 (US).

(74) **KOCH, William, E., 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 21/265

(11) WO 02/086953 (13) A1

(21) PCT/US02/09552

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 09/835,653 16 Apr/avr 2001 US (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR FORMING ULTRA-SHALLOW JUNCTIONS WITH LOW SHEET RESISTANCE

• PROCEDES DE FORMATION DE JONCTIONS TRES PEU PROFONDES A RESISTANCE DE COUCHE FAIBLE

(71) **VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.** [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).

(72) **DOWNEY, Daniel, F.**; 8 Ryan Road, Magnolia, MA 01930 (US).

(74) **McCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01L 21/268

(11) WO 02/086954 (13) A1

(21) PCT/US01/12799

(22) 19 Apr/avr 2001 (19.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR PROVIDING A SINGLE-SCAN, CONTINUOUS MOTION SEQUENTIAL LATERAL SOLIDIFICATION

• PROCEDE ET SYSTEME PERMETTANT D'OBTENIR UNE SOLIDIFICATION LATERALE SEQUENTIELLE EN

MOUVEMENT CONTINU PAR BAYLAGE UNIQUE

(71) **THE TRUSTEE OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10112 (US). **NVIK CORPORATION** [US/US]; 6 Skyline Drive, Hawthorne, NY 10532 (US).

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(72, 75) **SPOSILI, Robert, S.** [US/US]; Apartment 1C, 190 Claremont Avenue, New York, NY 10027 (US). **IM, James, S.** [US/US]; Apartment #74, 520 West 114th Street, New York, NY 10025 (US).

(74) **TANG, Henry et al.** / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

(81) 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 H01L 21/28, 27/115, 29/788

(11) WO 02/086955 (13) A1

(21) PCT/IB02/01320

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 01201459.3 23 Apr/avr 2001 EP (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME

• DISPOSITIF SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION ASSOCIEE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **DORMANS, Guido, J., M.**; 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) 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 21/302, 21/304

(11) WO 02/086956 (13) A1

(21) PCT/US02/12627

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,716 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MAKING A MICROSTRUCTURE BY SURFACE MICROMACHINING

• PROCEDE DE FABRICATION D'UNE MICROSTRUCTURE PAR MICRO-USINAGE DE SURFACES

(71) **MEMOX, INC.** [US/US]; 5600 Wyoming Boulevard, NE, Suite 20, Albuquerque, NM 87109 (US).

(72) **SNIEGOWSKI, Jeffrey, J.**; 64 Vallecitos Drive, Tijeras, NM 87059 (US). **RODGERS, M., Steven**; 12216 Papaya Court, NE, Albuquerque, NM 87111 (US).

(74) **JOHNSON, James, L.**; Marsh Fischmann & Breyfogle, LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 21/28, 21/3213

(11) WO 02/086957 (13) A1

(21) PCT/JP02/01785

(22) 27 Feb/fév 2002 (27.02.2002)

(25) ja (26) ja

(30) 2001-121794 19 Apr/avr 2001 JP (19.04.2001)

(30) 2001-124731 23 Apr/avr 2001 JP (23.04.2001)

(30) 2001-364621 29 Nov/nov 2001 JP (29.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DRY ETCHING METHOD

• PROCEDE DE GRAVURE A SEC

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

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(72, 75) **KOH, Meiki** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **MIURA, Toshihiro** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **FUKASAWA, Takayuki** [JP/JP]; 2-5-2-203, Yayoi, Bunkyo-ku, Tokyo 113-0032 (JP). **SHIMIZU, Akitaka** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **KUSHIBIKI, Masato** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **YAMASHITA, Asao** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **HIGUCHI, Fumihiko** [JP/JP]; c/o TOKYO ELECTRON

AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).

(74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (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 H01L 21/316

(11) WO 02/086958 (13) A1

(21) PCT/EP02/04345

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 101 19 741.1 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF PROCESS GASES
• PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE UN GAZ DE TRAVAIL

(71) MATTSON THERMAL PRODUCTS GMBH [DE/DE]; Daimlerstrasse 10, 89160 Dornstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROTERS, Georg [DE/DE]; Weseler Strasse 37, 48249 Dülmen (DE). MADER, Roland [DE/DE]; Ursulers 2, 87452 Altusried (DE). SOMMER, Helmut [DE/DE]; Haldenweg 9, 73326 Deggingen (DE). ERLIKH, Genrih [US/US]; 377 Michelle Lane, Daly City, CA 94015 (US). PASHUT, Yehuda [US/US]; 570 Crystalberry Terrace, San Jose, CA 95129 (US).

(81) CA CN IL JP KR SG 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).

Published / Publiée : (c)

(51)⁷ H01L 21/321

(11) WO 02/086959 (13) A2

(21) PCT/US02/09180

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,751 27 Mar/mar 2001 US (27.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POST-PLANARIZATION CLEAN-UP
• NETTOYAGE DE POST-PLANARISATION

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716 (US).

(72) ANDREAS, Michael, T.; 1400 Hill Road, Boise, ID 83702 (US).

(74) LEFFERT, Thomas, W.; Fogg Slifer Polglaze Leffert & Jay, P.A., 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).

(51)⁷ H01L 21/322

(11) WO 02/086960 (13) A1

(21) PCT/US02/12712

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,180 20 Apr/avr 2001 US (20.04.2001)

(30) 60/345,165 21 Dec/déc 2001 US (21.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR THE PREPARATION OF A SILICON WAFER HAVING STABILIZED OXYGEN PRECIPITATES
• PROCEDE DE PREPARATION D'UNE PLAQUETTE EN SILICIUM PRESENTANT DES PRECIPITES D'OXYGENE STABILISES

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; P.O. Box 8, 501 Pearl Drive, St. Peters, MO 63376 (US).

(72) BORGINI, Marco; c/o MEMC Electronic Materials, S.p.A., Viale Gherzi 31, I-28100 Novara (IT). GAMBARO, Daniela; c/o MEMC Electronic Materials, S.p.A., Viale Gherzi 31, I-28100 Novara (IT). RAVANI, Marco; c/o MEMC Electronic Materials, S.p.A., Viale Gherzi 31, I-28100 Novara (IT). RIES, Michael, J.; 4207 Eagle Rock Court, St. Charles, MO 63304 (US). SACCHETTI, Laura; MEMC Electronic Materials, S.p.A., Viale Gherzi 31, I-28100 Novara (IT). STANDLEY, Robert, W.; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). FALSTER, Robert, J.; 22 Compton Terrace, London N1 2UN (GB). STINSON, Mark, G.; 572 Crestview, East Alton, IL 62024 (US).

(74) SCHUTH, Richard, A. et al. / etc.; One Metropolitan Square, Suite 1600, St. Louis, MO 63102 (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 H01L 21/4763, 23/48, C25D 5/02

(11) WO 02/086961 (13) A1

(21) PCT/US02/10500

(22) 4 Apr/avr 2002 (04.04.2002)

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(30) 10/108,614 27 Mar/mar 2002 US (27.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTROPOLISHING METAL LAYERS ON WAFERS HAVING TRENCHES OR VIAS WITH DUMMY STRUCTURES
• POLISSAGE ELECTROLYTIQUE DE COUCHES METALLIQUES SUR DES

PLAQUETTES POURVUES DE TRANCHEES OU TROUS D'INTERCONNECTION A FAUSSES STRUCTURES

(71) ACM RESEARCH, INC. [US/US]; Suite 610, 46520 Fremont Boulevard, Fremont, CA 94538 (US).

(72) WANG, Hui; 38855 Litchfield Court, Fremont, CA 94536 (US). YIH, Peihaur; 37171 Sycamore Street #824, Newark, CA 94560 (US).

(74) YIM, Peter, J. et al. / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

(81) CA CN IL 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 H01L 21/66

(11) WO 02/086962 (13) A1

(21) PCT/US02/05949

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 09/841,762 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR IMPROVING RESOLUTION OF OBJECTS IN A SEMICONDUCTOR WAFER

• PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LA RESOLUTION D'OBJETS SUR UNE TRANCHE SEMI-CONDUCTRICE

(71) MENTOR GRAPHICS CORPORATION [US/US]; 8005 S.W. Boeckman Road, Wilsonville, OR 97070-7777 (US).

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(74) SCOTTI, Robert, F.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 21/68, 21/02, B65G 49/07

(11) WO 02/086963 (13) A1

(21) PCT/JP02/03391

(22) 4 Apr/avr 2002 (04.04.2002)

(25) ja (26) ja

(30) 2001-121735 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD OF PRODUCING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE
 • PROCEDE DE PRODUCTION DE DISPOSITIF A CIRCUIT INTEGRES A SEMI-CONDUCTEURS
- (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) WAKABAYASHI, Takayuki [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). UCHINO, Toshiyuki [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). KIGUCHI, Yasuo [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). KOIKE, Atsuyoshi [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP).
- (74) TSUTSUI, Yamato; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01L 21/768, G09F 9/33, H01L 33/00
- (11) WO 02/086964 (13) A1
- (21) PCT/JP02/03674
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) ja (26) ja
- (30) 2001-120119 18 Apr/avr 2001 JP (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WIRING METHOD AND ELEMENT ARRANGING METHOD USING THE SAME, AND METHOD OF PRODUCING IMAGE DISPLAY DEVICES
 • PROCEDE DE CABLAGE ET PROCEDE D'AGENCEMENT D'ELEMENTS FAISANT APPEL A CE DERNIER ET PROCEDE DE PRODUCTION DE DISPOSITIFS D'AFFICHAGE D'IMAGES
- (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) YANAGISAWA, Yoshiyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IWAFUCHI, Toshiaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H01L 21/8246, 27/115, 21/768
- (11) WO 02/086965 (13) A1
- (21) PCT/IT01/00192
- (22) 19 Apr/avr 2001 (19.04.2001)
- (25) it (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CONTACT STRUCTURE FOR AN INTEGRATED SEMICONDUCTOR DEVICE
 • STRUCTURE DE CONTACT POUR DISPOSITIF INTÉGRÉ À SEMI-CONDUCTEUR
- (71) STMICROELECTRONICS S.R.L. [IT/IT]; Via C. Olivetti, 2, I-20041 Agrate Brianza (IT).
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- (72, 75) ZAMBRANO, Raffaele [IT/IT]; Via Petrone, 69, I-95029 Viagrande (IT). ARTONI, Cesare [IT/IT]; Via N. Di Franco, 46, I-96011 Augusta (IT). CORVASCE, Chiara [IT/IT]; Via Pacini, 10, I-95124 Catania (IT).
- (74) IORIO, Paolo et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H01L 21/8247, 27/115
- (11) WO 02/086966 (13) A1
- (21) PCT/IB02/01353
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 01201434.6 20 Apr/avr 2001 EP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TWO-TRANSISTOR FLASH CELL HAVING VERTICAL ACCESS TRANSISTOR
 • CELLULE DE MEMOIRE FLASH A DEUX TRANSISTORS COMPORTANT UN TRANSISTOR D'ACCES VERTICAL
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) VERHAAR, Robertus, D., J.; 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) 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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- (11) WO 02/086967 (13) A2
- (21) PCT/EP02/04308
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) de (26) de
- (30) 101 19 873.6 24 Apr/avr 2001 DE (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR PRODUCING METALLIC BIT LINE CONTACTS
 • PROCEDE DE PRODUCTION DE CONTACTS DE LIGNES DE BITS METALLIQUES
- (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) STAUB, Ralf [DE/DE]; Ludwig Jahn Str. 4, 01109 Dresden (DE). AMON, Jürgen [DE/DE]; Stendaler Str. 15, 01109 Dresden (DE). URBANSKY, Norbert [DE/DE]; Dahlienweg 8, 01159 Dresden (DE).
- (74) WILHELM, Jürgen et al. / etc.; Wilhelm & Beck, Nymphenburger Str. 139, 80636 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).
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- (25) en (26) en
- (30) 09/840,058 24 Apr/avr 2001 US (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LIQUID-COOLED POWER SEMICONDUCTOR DEVICE HEATSINK
 • DISSIPATEUR DE CHALEUR POUR UN DISPOSITIF SEMI-CONDUCTEUR DE PUISSANCE REFROIDI PAR DU LIQUIDE
- (71) YORK INTERNATIONAL CORPORATION [US/US]; 631 South Richland Avenue, York, PA 17403 (US).
- (72) ROY, Steven; 1960 Manor Road, York, PA 17406 (US). JUDGE, John; 18599 Ridge Meadow Road, Stewartstown, PA 17363 (US). SCHNETZKA, Harold; 280 Estate Drive, York, PA 17404 (US).
- (74) SATTIZAHN, Brian; McNeese Wallace & Nurick LLC, P.O. Box 1166, 100 Pine Street, Harrisburg, PA 17108-1166 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
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23/522
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- (21) PCT/US02/12432
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/838,520 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NON-OPTICAL SIGNAL ISOLATOR
• ISOLATEUR DE SIGNAUX NON OP-
TIQUES
- (71) ANALOG DEVICES, INC. [US/US]; One
Technology Way, P.O. Box 9106, Norwood,
MA 02062-9106 (US).
- (72) HAIGH, Geoffrey, T.; 117 Herrick Road,
Boxford, MA 01921 (US). CHEN, Baoxing;
118 North Road, Chelmsford, MA 01824
(US).
- (74) HENRY, Steven, 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 UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 H01L 23/495
- (11) WO 02/086970 (13) A2
- (21) PCT/JP02/03829
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 2001-120309 18 Apr/avr 2001 JP
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SEMICONDUCTOR DEVICE AND
METHOD OF MANUFACTURING THE
SAME
• DISPOSITIF A SEMI-CONDUCTEUR
ET SON PROCEDE DE FABRICATION
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP];
1-1, Shibaura 1-chome, Minato-ku, Tokyo
105-8001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) FUNATO, Norihide [JP/JP]; 11-20-205,
Nozatokeiunjimaecho, Himeji-shi, Hyogo
670-0813 (JP). NANBA, Masataka [JP/JP];
600-170, Anji, Yasutomicho, Shiso-gun,
Hyogo 671-2401 (JP). SAWANO, Hiroshi
[JP/JP]; 4-27-8, Asumigaoka, Midori-ku,
Chiba-shi, Chiba 267-0066 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o
SUZUYE & SUZUYE, 7-2, Kasumigaseki
3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
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- (84) EP (DE FR GB IT).
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- (11) WO 02/086971 (13) A2
- (21) PCT/US02/12207
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 09/838,725 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM ON A PACKAGE FABRI-
CATED ON A SEMICONDUCTOR OR
DIELECTRIC WAFER
• SYSTEME EN BOITIER FA-
BRIQUE SUR UNE TRANCHE DE
SEMI-CONDUCTEUR OU DE DIELEC-
TRIQUE
- (71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).
- (72) CHIU, George, Liang-Tai; 5 Holland Drive,
Cross River, NY 10518 (US). MAGER-
LEIN, John, Harold; 1424 Trout Brook
Drive, Yorktown Heights, NY 10598 (US).
- (74) MORRIS, Daniel, P.; IBM Corporation, IP
Law Dept., 39-246, PO 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 H01L 25/075, 33/00
- (11) WO 02/086972 (13) A1
- (21) PCT/IE02/00053
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 2001/0402 23 Apr/avr 2001 IE
(23.04.2001)
- (30) 2001/0827 13 Sep/sep 2001 IE
(13.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ILLUMINATOR
• ILLUMINATEUR
- (71) PLASMA IRELAND LIMITED [IE/IE];
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les États désignés sauf US)
- (72, 75) BRADDELL, Jules [GB/IE]; 173
Deer Park, Deer Park Road, Cork (IE).
KAVANAGH, Kieran [IE/IE]; Dendara,
Coolnahane, Kanturk, County Cork (IE).
HERBERT, Anthony [IE/IE]; 22 Summer-
hill North, Cork (IE).
- (74) O'BRIEN, John, A. et al. / etc.; John A.
O'Brien & Associates, Third floor, Duncairn
House, 14 Carysfort Avenue, Blackrock,
County Dublin (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 H01L 27/00
- (11) WO 02/086973 (13) A2
- (21) PCT/GB02/01807
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 0109782.3 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NANO-ELECTRONIC DEVICES AND
CIRCUITS
• DISPOSITIFS ET CIRCUITS NANO-E-
LECTRONIQUES
- (71) BTG INTERNATIONAL LIMITED
[GB/GB]; 10 Fleet Place, Limeburner Lane,
London EC4M 7SB (GB).
(for all designated States except / pour tous
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- (72, 75) SONG, Aimin [CN/GB]; Dept. of Elec-
trical Engineering and Electronics, UMIST,
Manchester M60 1QD (GB). OMLING, Pär
[SE/SE]; Ferievägen 9, S-224 67 Lund (SE).
- (74) BINGHAM, Ian, Mark; BTG International
Limited, 10 Fleet Place, Limeburner Lane,
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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 H01L 27/04, H04B 1/40, 15/02
- (11) WO 02/086974 (13) A1
- (21) PCT/JP02/03616

- (22) 11 Apr/avr 2002 (11.04.2002)
(25) ja (26) ja
(30) 2001-116415 16 Apr/avr 2001 JP
(16.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SEMICONDUCTOR DEVICE
• DISPOSITIF A SEMI-CONDUCTEUR
(71) NIIGATA SEIMITSU CO., LTD. [JP/JP];
5-13, Nishishiromachi 2-chome, Jyoetsu-shi,
Niigata 943-0834 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) IKEDA, Takeshi [JP/JP]; 5-6, Sanno
2-chome, Ohta-ku, Tokyo 143-0023
(JP). MIYAGI, Hiroshi [JP/JP]; 1265-1,
Shinyoshida-cho, Kohoku-ku, Yokohama-shi,
Kanagawa 223-0056 (JP).
(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shi-
moshingashi, Kawagoe-shi, Saitama
350-1136 (JP).
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IE IT LU MC NL PT SE TR).

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(11) WO 02/086975 (13) A1
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(25) ja (26) ja
(30) 2001-119457 18 Apr/avr 2001 JP
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PRODUCTION METHOD FOR
BONDED SUBSTRATES
• PROCEDE DE PRODUCTION DE SUB-
STRATS COLLES
(71) SHIN-ETSU HANDOTAI CO., LTD.
[JP/JP]; 4-2, Marunouchi 1-chome, Chiy-
oda-ku, Tokyo 100-0005 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) YOKOKAWA, Isao [JP/JP]; c/o Isobe
R & D Center, Shin-Etsu Handotai Co.,
Lt. d., 13-1, Isobe 2-chome, Annaka-shi,
Gunma 379-0196 (JP). NAKANO, Masa-
take [JP/JP]; c/o Isobe R & D Center,
Shin-Etsu Handotai Co., Lt. d., 13-1, Isobe
2-chome, Annaka-shi, Gunma 379-0196 (JP).
MITANI, Kiyoshi [JP/JP]; c/o Isobe R &
D Center, Shin-Etsu Handotai Co., Lt. d.,
13-1, Isobe 2-chome, Annaka-shi, Gunma
379-0196 (JP).
(74) YOSHIMIYA, Mikio; Uenosansei Bldg. 4F,
6-4, Motoasakusa 2-chome, Taito-ku, Tokyo
111-0041 (JP).
(81) CN KR US.
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IE IT LU MC NL PT SE TR).

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(25) ja (26) ja
(30) 2001-119586 18 Apr/avr 2001 JP
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • SEMICONDUCTOR DEVICE
• DISPOSITIF SEMI-CONDUCTEUR
(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) INOUE, Akira [JP/JP]; 16-1, Miya-
mac-cho, Kadoma-shi, Osaka 571-0074
(JP). TAKAGI, Takeshi [JP/JP]; 3-3, Uzu-
masa-kitaro-cho, Ukyo-ku, Kyoto-shi, Kyoto
616-8182 (JP). HARA, Yoshihiro [JP/JP];
1-61-3, Kuzuhaoka, Hirakata-shi, Osaka
573-1104 (JP). KUBO, Minoru [JP/JP]; 125,
Ichiban-cho, Kikyogaoka-nishi, Nabari-shi,
Mie 518-0641 (JP).
(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg.,
4-8, Utsubohomachi 1-chome, Nishi-ku, Os-
aka-shi, Osaka 550-0004 (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).

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(11) WO 02/086977 (13) A1
(21) PCT/CA02/00574
(22) 22 Apr/avr 2002 (22.04.2002)
(25) en (26) en
(30) 60/285,941 23 Apr/avr 2001 US
(23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CAPSULE EN FORME DE DOME EN-
TOURANT UN PANNEAU SOLAIRE
ET LAMPES DE SIGNALISATION
ROUTIERE COMPORTANT LADITE
CAPSULE
• CAPSULE D'ENROBAGE EN FORME
DE DOME POUR PANNEAU SOLAIRE
ET FEUX DE SIGNALISATION ROU-
TIERE COMPORTANT LADITE CAP-
SULE
(71) CARMANAH TECHNOLOGIES INC.
[CA/CA]; Bldg 4, 203 Harbour Road, Victo-
ria, British Columbia V9A 3S2 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) GREEN, David, Robin [CA/CA]; 5010
Lockehaven Drive, Victoria, British Colum-
bia V8N 4J5 (CA). PAYNTER, Christopher
[CA/CA]; 904-1630 Quadra Street, Victo-
ria, British Columbia V8W 3J5 (CA).
COSTA, Michael [CA/CA]; 2270 Weiler
Avenue, Sidney, British Columbia V8L
1R8 (CA). MENDEZ, Johny [CA/CA];
215-703 Esquimalt Road, Victoria, British
Columbia V9A 3L6 (CA). ICRIVERZI,
Nicu [RO/RO]; 301-415 Michigan Street,
Victoria, British Columbia V8V 1R8 (CA).
POLAKOV, Stanislav [CA/CA]; 6-1945
Lisnoe Avenue, Victoria, British Columbia
(CA).

- (74) CLARK, Neil, S. et al. / etc.; Fetherston-
haugh & Co., Box 11560, Vancouver Centre,
Suite 2200, 650 West Georgia Street, Vancou-
ver, British Columbia V6B 4N8 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC 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 H01L 33/00, C09K 11/73
(11) WO 02/086978 (13) A1
(21) PCT/JP02/03901
(22) 19 Apr/avr 2002 (19.04.2002)
(25) ja (26) ja
(30) 2001-123457 20 Apr/avr 2001 JP
(20.04.2001)
(30) 2001-203240 4 Jul/juil 2001 JP
(04.07.2001)
(30) 2001-288070 21 Sep/sep 2001 JP
(21.09.2001)
(30) 2001-320201 18 Oct/oct 2001 JP
(18.10.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • LIGHT EMITTING DEVICE
• DISPOSITIF PHOTOEMETTEUR
(71) NICHIA CORPORATION [JP/JP];
491-100, Oka, Kaminaka-cho, Anan-shi,
Tokushima 774-8601 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) MURAZAKI, Yoshinori [JP/JP];
c/o NICHIA CORPORATION, 491-100,
Oka, Kaminaka-cho, Anan-shi, Tokushima
774-8601 (JP). ICHIHARA, Takashi
[JP/JP]; c/o NICHIA CORPORATION,
491-100, Oka, Kaminaka-cho, Anan-shi,
Tokushima 774-8601 (JP).
(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka
540-0001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 H01L 35/24, 51/00
(11) WO 02/086979 (13) A1
(21) PCT/US02/10984
(22) 10 Apr/avr 2002 (10.04.2002)
(25) en (26) en
(30) 09/837,245 18 Apr/avr 2001 US
(18.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CHEMICAL AND BIOLOGICAL SEN-
SOR USING ORGANIC SELF-ASSEM-
BLED TRANSISTORS

- CAPTEUR CHIMIQUE ET BIOLOGIQUE UTILISANT DES TRANSPORTS ORGANIQUES AUTO-ASSEMBLES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Los Alamos National Laboratory, LC/IP, MS A 187, Los Alamos, NM 87545 (US).
- (72) **CAMPBELL, Ian, H.**; 360 Kimberly Lane, Los Alamos, NM 87544 (US). **SMITH, Darryl, L.**; 103 La Senda, Los Alamos, NM 87544 (US).
- (74) **COTTRELL, Bruce et al.** / etc.; Los Alamos National Laboratory, LC/IP, MS A 187, Los Alamos, NM 87545 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H01L 35/30, F25B 21/02
(11) WO 02/086980 (13) A1
(21) PCT/NL02/00268
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 1017913 24 Apr/avr 2001 NL (24.04.2001)
(30) 1018493 9 Jul/juil 2001 NL (09.07.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ELECTRIC COOLING DEVICE
• SYSTEME ELECTRIQUE DE REFROIDISSEMENT
- (71) **TOP-COOL HOLDING B.V.** [NL/NL]; Westeringlaan 30, NL-5993 CH Maasbree (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZELISSEN, Marcus, Jozef, Gertrudis** [NL/NL]; Westeringlaan 30, NL-5993 CH Maasbree (NL). **ZELISSEN, Daniel, Arnoldus, Maria** [NL/NL]; Heerderweg 96co2, NL-6224 LH Maastricht (NL).
- (74) **PRINS, A.W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H01L 41/08, 41/12
(11) WO 02/086981 (13) A2
(21) PCT/US02/09698
(22) 28 Mar/mar 2002 (28.03.2002)
(25) en (26) en
(30) 60/286,131 24 Apr/avr 2001 US (24.04.2001)
(30) 10/108,203 27 Mar/mar 2002 US (27.03.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ELECTROACTIVE APPARATUS AND METHODS
• PROCEDES ET APPAREILS ELECTROACTIFS
- (71) **CLEMSON UNIVERSITY** [US/US]; 300 Brackett Hall, Clemson, SC 29634-5701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHWARTZ, Robert, W.** [—/US]; 2911 North Bayshore Drive, Seneca, SC 29672 (US). **NARAYANAN, Manoj** [—/US]; 807 College Avenue, Apartment #9, Clemson, SC 29631 (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 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 H01L 41/09, F02M 51/06
(11) WO 02/086982 (13) A1
(21) PCT/DE01/01521
(22) 20 Apr/avr 2001 (20.04.2001)
(25) de (26) de
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR TRANSMITTING THE DEFLECTION OF AN ACTUATOR AND METHOD FOR PRODUCING THE SAME
• DISPOSITIF POUR TRANSMETTRE LA DEVIATION D'UN ACTIONNEUR, ET SON PROCEDE DE PRODUCTION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRONBERGER, Maximilian** [AT/DE]; Zollerstr. 15, 93053 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).
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- (51)⁷ H01L 41/09, F02M 51/06
(11) WO 02/086983 (13) A2
(21) PCT/DE02/01443
(22) 18 Apr/avr 2002 (18.04.2002)
(25) de (26) de
(30) PCT/DE01/01521 20 Apr/avr 2001 DE (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • DEVICE FOR TRANSMITTING AN EXCURSION OF AN ACTUATOR
• DISPOSITIF POUR TRANSMETTRE UNE DEVIATION D'UN ACTIONNEUR
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRONBERGER, Maximilian** [AT/DE]; Zollerstr. 15, 93053 Regensburg (DE). **FRANK, Wilhelm** [DE/DE]; Meinerdtstr. 44, 96049 Bamberg (DE). **KOMISCHKE, Thomas** [DE/DE]; Neuhofer Strasse 134, 12355 Berlin (DE). **SCHMIDT, Harald** [AT/AT]; Geissfussgasse 2/5, A-1100 Wien (AT).
- (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).
-
- 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
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- (51)⁷ H01M
(11) WO 02/086984 (13) A2
(21) PCT/CA02/00492
(22) 10 Apr/avr 2002 (10.04.2002)
(25) en (26) en
(30) 2,344,607 19 Apr/avr 2001 CA (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • ALKALINE ALUMINUM-AIR BATTERY
• BATTERIE ALUMINUM-AIR ALCA-LINE
- (71) **EONTECH GROUP, INC.** [CA/CA]; 87 Scollard Street, Toronto, Ontario M5R 1G4 (CA).
- (72) **IAROCHEENKO, Alexander, M.**; 7 Townsgate Drive, Suite 912, Thornhill, Ontario L4J 7Z9 (CA). **KULAKOV, Evgeny, B.**; Apt. 1810, 25 Fisherville St., Toronto, Ontario M2R 3B7 (CA).

(74) **BARLOW, Brian, C.**; Aird & Berlis, 627 Lyons Lane, Suite 204, Oakville, Ontario L6J 5Z7 (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

(11) **WO 02/086985** (13) A2

(21) PCT/DE02/01449

(22) **19 Apr/avr 2002 (19.04.2002)**

(25) de (26) de

(30) 101 19 649.0 **20 Apr/avr 2001 DE (20.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR MACHINING A WORK PIECE BY MEANS OF ELECTROCHEMICAL MATERIAL REMOVAL

• PROCÉDE ET DISPOSITIF POUR L'USINAGE DE PIÈCES PAR ENLEVEMENT DE MATIÈRE PAR VOIE ELECTROCHIMIQUE

(71) **SCHEKULIN, Dirk** [—/DE]; Mörkeweg 6, 72820 Sonnenbühl (DE).

(71, 72) **SCHEKULIN, Ulrich** [—/DE]; Schwabstrasse 39, 72074 Tübingen (DE).

(74) **SCHUSTER, Gregor et al.** / etc.; Wiederholdstr. 10, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/086986** (13) A2

(21) PCT/US02/10851

(22) **8 Apr/avr 2002 (08.04.2002)**

(25) en (26) en

(30) 09/837,278 **19 Apr/avr 2001 US (19.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SELF-MANAGING ELECTROCHEMICAL FUEL CELL AND FUEL CELL ANODE

• PILE A COMBUSTIBLE ELECTROCHIMIQUE AUTOGEREE ET ANODE DE PILE A COMBUSTIBLE

(71) **MORE ENERGY LTD.** [IL/IL]; P.O. Box 132, 56101 Yehud (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71) **FREIDMAN, Mark, M.** [US/IL]; Alharizi St. 1, 43406 Raanana (IL).

(only for / seulement pour TJ)

(72, 75) **FINKELSHTAIN, Gennadi** [IL/IL]; Hai Street, Givat Ada 37808 (IL). **KATSMAN, Yuri** [IL/IL]; 7/8 Shektsar St., 38495 Hadera (IL). **FILANOVSKY, Boris** [IL/IL]; 33/5 Kashni St., 98306 Jerusalem (IL). **OSHEROV, Alex** [IL/IL]; 34 Hanna Rubina St., Beer Sheva 84644 (IL). **TITELMAN, Leonid** [IL/IL]; 29/8 Weizman St., 56235 Yehud 56235 (IL).

(74) **FREIDMAN, Mark, M.**; Discovery Dispatch, 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).

(51)⁷ H01M

(11) **WO 02/086987** (13) A2

(21) PCT/US02/12822

(22) **23 Apr/avr 2002 (23.04.2002)**

(25) en (26) en

(30) 60/286,114 **23 Apr/avr 2001 US (23.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYDROGEN GENERATION APPARATUS AND METHOD FOR USING SAME
• GENERATEUR D'HYDROGENE ET SON PROCÉDE D'UTILISATION

(71) **MESOSYSTEMS TECHNOLOGY, INC.** [US/US]; 2425 Ridgecrest Drive SE, Albuquerque, NM 87108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POWELL, Michael, Roy** [US/US]; 2718 Kyle Road, Kennewick, WA 99338 (US). **CALL, Charles, J.** [US/US]; 6120 Paper Flower Place, Albuquerque, NM 87111 (US).

(74) **CRAFT, Jeffrey, F. et al.** / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU 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 02/086988** (13) A2

(21) PCT/US02/13133

(22) **24 Apr/avr 2002 (24.04.2002)**

(25) en (26) en

(30) 60/286,198 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METAL AIR ELECTROCHEMICAL CELL SYSTEM

• SYSTEME CELLULAIRE ELECTROCHIMIQUE METAL-AIR

(71) **EVIONYX, INC.** [US/US]; 85 Executive Blvd., Elmsford, NY 10523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SHAW, Ian** [US/US]; 3168 Stoneleigh Ct., Yorktown, NY 10598 (US). **FARIS, Sadeg** [US/US]; 24 Pocantico River Road, Pleasantville, NY 10570 (US).

(74) **CRISPINO, Ralph, J.**; Reveco, Inc., 85 Executive Blvd., Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H01M

(11) **WO 02/086989** (13) A2

(21) PCT/US02/13150

(22) **24 Apr/avr 2002 (24.04.2002)**

(25) en (26) en

(30) 60/286,320 **24 Apr/avr 2001 US (24.04.2001)**

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ALERTING SYSTEM, ARCHITECTURE AND CIRCUITRY

• CIRCUIT, ARCHITECTURE ET SYSTEME D'ALERTE

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, CA 92618 (US).

(72) **LINDSAY, Steven, B.**; 16215 Alton Parkway, Irvine, CA 92618 (US). **NAYLOR, Andrew, M.**; 16215 Alton Parkway, Irvine, CA 92618 (US).

(74) **PAULEY, Nicholas, J.**; Christie, Parker & Hale LLP, 350 West Colorado Boulevard, Suite 500, Pasadena, CA 91105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 2/02, 2/08, 2/14, 2/16, 10/12, 10/32
- (11) WO 02/086990 (13) A2
- (21) PCT/US02/12575
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,326 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BATTERY CASE WITH EDGE SEAL
• BOITIER DE BATTERIE A BORD
ETANCHE
- (71) ZINC MATRIX POWER, INC. a Califor-
nia Corporation [US/US]; 121 East Mason
Street, Santa Barbara, CA 93101 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHEIKY, Michael [US/US]; 1776 Eu-
calyptus Hill Road, Santa Barbara, CA 93103
(US). ROBLES, Glen [US/US]; 550 East
Santa Cruz Court, Santa Barbara, CA 93455
(US).
- (74) JACOBS, Marvin, E.; Koppel & Jacobs,
2151 Alessandro Drive, Suite 215, Ventura,
CA 93001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 4/42, 4/48
- (11) WO 02/086992 (13) A1
- (21) PCT/US02/12441
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,668 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ZINC ANODE MATRIX FOR
RECHARGEABLE ALKALINE BAT-
TERY
• MATRICE D'ANODE DE ZINC POUR
BATTERIE ALCALINE RECHAR-
GEABLE
- (71) ZINC MATRIX POWER, INC. [US/US];
121 East Mason Street, Santa Barbara, CA
93101 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHEIKY, Michael [US/US]; 1776 Eu-
calyptus Hill Road, Santa Barbara, CA 93103
(US). HAGO, Wilson [US/US]; 52 North
Ash Street, Ventura, CA 93001 (US).
- (74) JACOBS, Marvin, E.; Koppel, Jacobs, 2151
Alessandro Drive, Suite 215, Ventura, CA
93001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 2/16
- (11) WO 02/086991 (13) A1
- (21) PCT/US02/12520
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,276 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RECOMBINANT SEPARATOR
• SEPARATEUR RECOMBINANT
- (71) ZINC MATRIX POWER, INC. [US/US];
121 East Mason Street, Santa Barbara, CA
93101 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHEIKY, Michael [US/US]; 1776 Eu-
calyptus Hill Road, Santa Barbara, CA 93103
(US). HAGO, Wilson [US/US]; 52 North
Ash Street, Ventura, CA 93001 (US).
- (74) JACOBS, Marvin, E.; Koppel, Jacobs, Suite
215, 2151 Alessandro Drive, Ventura, CA
93001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 4/02, 10/40, C01G 53/00
- (11) WO 02/086993 (13) A1
- (21) PCT/JP02/03862
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) ja (26) ja
- (30) 2001-121901 20 Apr/avr 2001 JP
(20.04.2001)
- (30) 2001-124842 23 Apr/avr 2001 JP
(23.04.2001)
- (30) 2001-237084 3 Aug/août 2001 JP
(03.08.2001)
- (30) 2001-249578 20 Aug/août 2001 JP
(20.08.2001)
- (30) 2001-288831 21 Sep/sep 2001 JP
(21.09.2001)
- (30) 2001-307173 3 Oct/oct 2001 JP
(03.10.2001)
- (30) 2001-354436 20 Nov/nov 2001 JP
(20.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ANODE ACTIVE MATTER AND PRO-
DUCTION METHOD THEREFOR,
NON-AQUEOUS ELECTROLYTE SEC-
ONDARY BATTERY-USE ANODE,
AND NON-AQUEOUS ELECTROLYTE
SECONDARY BATTERY
• MATIERE ACTIVE ANODIQUE ET
SON PROCEDE DE PRODUCTION,
ANODE POUR PILE SECONDAIRE
A ELECTROLYTE NON AQUEUX ET
PILE SECONDAIRE A ELECTROLYTE
NON AQUEUX
- (71) YUASA CORPORATION [JP/JP]; 3-21,
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569-1115 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SHIOZAKI, Ryuji [JP/JP]; c/o Yuasa
Corporation, 3-21, Kosobe-cho 2-chome,
Takatsuki-shi, Osaka 569-1115 (JP). OK-
ABE, Kazuya [JP/JP]; c/o Yuasa Corpo-
ration, 3-21, Kosobe-cho 2-chome, Takat-
suki-shi, Osaka 569-1115 (JP). NUKUDA,
Toshiyuki [JP/JP]; c/o Yuasa Corpora-
tion, 3-21, Kosobe-cho 2-chome, Takat-
suki-shi, Osaka 569-1115 (JP). FUJII, Ak-
ihiro [JP/JP]; c/o Yuasa Corporation, 3-21,
Kosobe-cho 2-chome, Takatsuki-shi, Osaka
569-1115 (JP). INAMASU, Tokuo [JP/JP];
c/o Yuasa Corporation, 3-21, Kosobe-cho
2-chome, Takatsuki-shi, Osaka 569-1115
(JP). IGUCHI, Takaaki [JP/JP]; c/o Yuasa
Corporation, 3-21, Kosobe-cho 2-chome,
Takatsuki-shi, Osaka 569-1115 (JP). KO-
JIMA, Toshiaki [JP/JP]; c/o Yuasa Corpo-
ration, 3-21, Kosobe-cho 2-chome, Takat-
suki-shi, Osaka 569-1115 (JP). WATARI,
Takashi [JP/JP]; c/o Yuasa Corporation, 3-21,
Kosobe-cho 2-chome, Takatsuki-shi, Osaka
569-1115 (JP). YUFU, Hiroshi [JP/JP];
c/o Yuasa Corporation, 3-21, Kosobe-cho
2-chome, Takatsuki-shi, Osaka 569-1115
(JP).
- (74) NAITO, Teruo; Shin-ei Patent Office, 29th
Floor, ARK Mori Building, 12-32, Akasaka
1-chome, Minato-ku, Tokyo 107-6029 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 4/86, 4/90, 4/92, 8/02, 8/04
(11) WO 02/086994 (13) A1
(21) PCT/US02/12386
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 09/839,787 19 Apr/avr 2001 US
(19.04.2001)
(30) 09/839,786 19 Apr/avr 2001 US
(19.04.2001)
(30) 09/839,950 19 Apr/avr 2001 US
(19.04.2001)
(30) 09/858,327 15 May/mai 2001 US
(15.05.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
(54) • POROUS SILICON AND SOL-GEL DERIVED ELECTRODE STRUCTURES AND ASSEMBLIES ADAPTED FOR USE WITH FUEL CELL SYSTEMS
• STRUCTURES D'ELECTRODES DERIVEES D'UN SILICIUM POREUX ET DE SOL-GEL, ET ENSEMBLES UTILISES AVEC DES SYSTEMES DE PILES A COMBUSTIBLE

- (71) NEAH POWER SYSTEMS, INC. [US/US]; 22118 20th Avenue, S.E., Bothell, WA 98021 (US).

- (72, 75) OHLSEN, Leroy, J. [US/US]; P.O. Box 1064, Gold Bar, WA 98251 (US). COOKE, Aaron, M. [US/US]; 1617 North 48th Street, Seattle, WA 98103 (US). MALLARI, Jonathan, C. [US/US]; 1712 South Dawson Street, Seattle, WA 98108 (US). CHAN, Chung, M. [US/US]; 16627 Northrup Way, Bellevue, WA 98008 (US). RICE, Gordon [CA/US]; 5829 N.E. 75th Street, #444, Seattle, WA 98115 (US).

- (74) LOOP, Thomas, E.; 2033 Sixth Avenue, Suite 1020, Seattle, WA 98121-2527 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

- (51)⁷ H01M 8/04
(11) WO 02/086995 (13) A2
(21) PCT/DE02/01175
(22) 30 Mar/mar 2002 (30.03.2002)
(25) de (26) de
(30) 101 19 377.7 19 Apr/avr 2001 DE
(19.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
(54) • FUEL CELL AND METHOD FOR OPERATING THE SAME
• PILE A COMBUSTIBLE ET PROCEDE DE FONCTIONNEMENT ASSOCIE
(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) DOHLE, Hendrik [DE/DE]; Schreiffstrasse 32, 52224 Stolberg (DE). EGMEN, Ayhan [TR/DE]; Heinrich-Kemp-Weg 1, 52499 Baesweiler (DE). MERGEL, Jürgen [DE/DE]; Jan-von-Werth-Strasse 96, 52428 Jülich (DE).

- (74) FORSCHUNGSZENTRUM JÜLICH GMBH; Recht und Patente - Patente, 52425 Jülich (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 H01M 8/04
(11) WO 02/086996 (13) A1
(21) PCT/EP02/03876

- (22) 8 Apr/avr 2002 (08.04.2002)
(25) de (26) de
(30) 101 19 339.4 20 Apr/avr 2001 DE
(20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • FUEL CELL SYSTEM AND METHOD FOR REGULATING PRESSURE IN FUEL CELL SYSTEMS
• SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE REGULATION DE PRESSION DANS DES SYSTEMES DE PILE A COMBUSTIBLE

- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HEITZLER, Axel [DE/DE]; Hermann Reifsteck Weg 4, 79232 March (DE). HEBLING, Christopher [DE/DE]; Kirchstrasse 49, 79100 Freiburg (DE). SCHMITZ, Andreas [DE/DE]; Dunantstrasse 7, 79110 Freiburg (DE).

- (74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 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)

- (51)⁷ H01M 8/04
(11) WO 02/086997 (13) A2
(21) PCT/EP02/04023
(22) 11 Apr/avr 2002 (11.04.2002)
(25) de (26) de
(30) 101 20 947.9 22 Apr/avr 2001 DE
(22.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
(54) • FUEL CELL AIR SUPPLY
• ALIMENTATION EN AIR POUR PILE A COMBUSTIBLE
(71) DAIMLERCHRYSLER AG [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) FINGER, Helmut [DE/DE]; Bergstrasse 73, 70711 Leinfelden-Echterdingen (DE). FLEDERSBACHER, Peter [DE/DE]; Fred-Uhlman-Strasse 1, 70619 Stuttgart (DE). KONRAD, Gerhard [DE/DE]; Mendelstrasse 16, 89081 Ulm (DE). LÖFFLER, Paul [DE/DE]; Leonberger Strasse 49, 70199 Stuttgart (DE). STUTE, Manfred [DE/DE]; Kimmichweiler Weg 4, 73730 Esslingen (DE). SUMSER, Siegfried [DE/DE]; Im unteren Kienle 9, 70184 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

- (51)⁷ H01M 8/04
(11) WO 02/086998 (13) A1
(21) PCT/GB02/01754

- (22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 0109824.3 20 Apr/avr 2001 GB
(20.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)

- (54) • REGENERATIVE FUEL CELL WITH PH CONTROL
• PILE A COMBUSTIBLE A RECUPERATION DOTEED D'UN CONTROLE DU PH

- (71) REGENESYS TECHNOLOGIES LIMITED [GB/GB]; Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire SN5 6PB (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MORRISSEY, Patrick, John [IE/GB]; 70 Newtown Road, New Denham, Uxbridge, Middlesex UB9 4BD (GB). WARD, Norman, John [GB/GB]; Pinnels, 56 High Street, Stanford-in-the-Vale, Oxfordshire SN7 8NQ (GB).

- (74) BOULT WADE TENNANT; Verulam Gardens, 70 Grays 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).

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 H01M 8/04

(11) WO 02/086999 (13) A1

(21) PCT/US02/11719

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/283,823 13 Apr/avr 2001 US
(13.04.2001)

(30) 60/283,717 13 Apr/avr 2001 US
(13.04.2001)

(30) 60/283,719 13 Apr/avr 2001 US
(13.04.2001)

(30) 60/283,786 13 Apr/avr 2001 US
(13.04.2001)

(30) 60/339,117 11 Dec/déc 2001 US
(11.12.2001)

(30) 60/357,481 15 Feb/fév 2002 US
(15.02.2002)

(30) 60/357,367 15 Feb/fév 2002 US
(15.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENZYMATIC FUEL CELL

- PILE A COMBUSTIBLE ENZYMA-
TIQUE

(71) POWERZYME, INC [US/US]; 11 Deer
Park Drive, Suite 202, Monmouth Junction,
New Jersey 08852 (US).

(72) RITTS, Rosalyn; 53 Hun Road, Prince-
ton, NJ 08540 (US). SUN, Hoi-Cheong,
Steve; 1504 Blossim Circle, Dayton, NJ
08810 (US). WHIPPLE, Richard; 91 First
Avenue, Raritan, NJ 08869 (US). LIPP,
Steven, Alan; 9 Woodland Court, West

Windsor, NJ 08550 (US). KLATSKIN, Su-
san; 6 Rickard Court, Lawrenceville, NJ
08648 (US). IPPOLITO, Mary, Louise; 19
Hopatcong Drive, Lawrenceville, NJ 08648
(US). KAGANOWICZ, Grzegorz; 292
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(US). LIBRETORE, Michael, James;
208B Bakers Basin Road, Lawrenceville, NJ
08648 (US). TIAN, Yongchi; 3 Heath Court,
Princeton, NJ 08540 (US). COYLE, Peter,
James; 4 Pansy Court, Newtown, PA 18940
(US).

(74) LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP; 600
South Avenue West, Westfield, New Jersey
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 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 H01M 8/06

(11) WO 02/087000 (13) A1

(21) PCT/US02/11728

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 09/838,877 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONVEX FUEL MANIFOLD
PROVIDING UNIFORM PRESSURE
SEAL TO FUEL CELL STACK

- COLLECTEUR DE CARBURANT
CONVEXE FORMANT UN JOINT
D'ÉTANCHEITE DANS UNE PILE DE
CELLULES ELECTROCHIMIQUES

(71) UTC FUEL CELLS, LLC [US/US]; 195
Governor's Highway, South Windsor, CT
06074 (US).

(72) MORROW, Aaron, W.; 12 Mountain
Street, Apt. 1, Vernon, CT 06066 (US). SIP-
ITKOWSKI, Joseph, M.; 31 Miller Avenue,
Southampton, MA 01073 (US). LAKE, Jef-
frey, G.; 67 Llynwood Drive, Vernon, CT
06066 (US).

(74) CRENSHAW, Henry, T., Jr.; 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ H01M 8/10, C08J 5/22, H01B 1/12, B01D
71/06

(11) WO 02/087001 (13) A2

(21) PCT/US02/08879

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/797,557 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLYMER ELECTROLYTE MEM-
BRANE
• MEMBRANE A ELECTROLYTE POLY-
MERE

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).

(72) FISHER, Allison, M.; 21433 South 140th
Street, Chandler, AZ 85249 (US).

(74) KOCH, William, E.; Motorola Labs, Corpo-
rate Law Dept., 3102 North 56th Street, MD:
AZ11/56-238, P.O. Box 10219, Phoenix, AZ
85018 (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).

(51)⁷ H01M 8/12

(11) WO 02/087002 (13) A1

(21) PCT/US02/12018

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 09/839,956 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYBRID THIN FILM/THICK FILM
SOLID OXIDE FUEL CELL AND
METHOD OF MANUFACTURING THE
SAME

- CELLULE ELECTROCHIMIQUE A
OXYDE SOLIDE HYBRIDE A FILM
MINCE/FILM EPAIS ET PROCEDE DE
PRODUCTION DE CETTE DERNIERE

(71) HEWLETT-PACKARD COMPANY
[US/US]; 3000 Hanover Street, Palo Alto,
CA 94304-1112 (US).

(72) KEARL, Daniel, A.; 31823 Blair Road,
Philomath, OR 97370 (US).

(74) MYERS, Timothy, F.; Hewlett-Packard
Company, Intellectual Property Administra-
tion, 3404 E. Harmony Road, M/s 35, Fort
Collins, CO 80525-9599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 10/40, 6/18, H01B 1/06, H01G 9/038, C08F 8/00, C08L 29/04, C08K 3/00

(11) WO 02/087003 (13) A1

(21) PCT/JP02/03670

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-123374 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPOSITION FOR POLYMER GEL ELECTROLYTE, POLYMER GEL ELECTROLYTE, AND SECONDARY BATTERY AND ELECTRIC DOUBLE LAYER CAPACITOR EACH EMPLOYING THE ELECTROLYTE

• COMPOSITION POUR ELECTROLYTE EN GEL POLYMERE, ELECTROLYTE EN GEL POLYMERE, BATTERIE SECONDAIRE ET CONDENSATEUR ELECTRIQUE A DEUX COUCHES COMPRENANT CHACUN L'ELECTROLYTE

(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). 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). BANNO, Kimiyo [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).

(51)⁷ H01M 10/40

(11) WO 02/087004 (13) A1

(21) PCT/JP02/03886

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-122096 20 Apr/avr 2001 JP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LITHIUM POLYMER SECONDARY CELL

• ELEMENT SECONDAIRE A POLYMERE AU LITHIUM

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaikicho, 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, Kitakatsuragi-gun, Nara 639-0215 (JP). TORATA, Naoto [JP/JP]; 90-1, Nishiikeziri-cho, Kashihara-shi, Nara 634-0821 (JP). NISHIMURA, Naoto [JP/JP]; 343-3-201, Okubocho, Kashihara-shi, Nara 634-0061 (JP).

(74) NOGAWA, Shintaro; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (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).

(51)⁷ H01M 10/48, H04M 15/00

(11) WO 02/087005 (13) A1

(21) PCT/US01/47039

(22) 6 Nov/nov 2001 (06.11.2001)

(25) en (26) en

(30) 09/729,634 4 Dec/déc 2000 US (04.12.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UTILIZING PORTABLE ELECTRICAL POWER SOURCES

• UTILISATION DE SOURCES D'ALIMENTATION ELECTRIQUE PORTABLES

(63) US 09/729,634 (CON) 4 Dec/déc 2000 (04.12.2000)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOODNORTH, Douglas, J. [US/US]; 90 Manning Street, Needham, MA 02494 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 16/00, 10/48, 12/06

(11) WO 02/087006 (13) A1

(21) PCT/US02/12932

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 60/286,199 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HYBRID ELECTROCHEMICAL CELL SYSTEM

• SYSTEME CELLULAIRE ELECTROCHIMIQUE HYBRIDE

(71) REVEO, INC. [US/US]; 85 Executive Blvd., Elmsford, NY 10523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARIS, Sadeg, M. [US/US]; 24 Pocantico Road, Pleasantville, NY 10570 (US).

(74) CRISPINO, Ralph, J.; Reveo, Inc., 85 Executive Blvd., Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01P 1/203

(11) WO 02/087007 (13) A1

(21) PCT/US01/12915

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BYPASS PATH FOR HTS RECEIVE FILTER

• DERIVATION POUR FILTRE DE RECEPTION SUPRACONDUCTEUR A HAUTE TEMPERATURE

(71) ISCO INTERNATIONAL, INC. [US/US]; 451 Kingston Court, Mt. Prospect, IL 60056 (US).

(72) ABDELMONEM, Amr; Apartment 106, 2754 Buffalo Grove Road, Arlington Heights, IL 60004 (US). NADEL, Leo; 1237 Eric Lane, Lake Zurich, IL 60047 (US). LOGEMAN, John; 900 Hansen, Park Ridge, IL 60068 (US).

(74) GERSTEIN, Robert, M.; Marshall, O'Toole, Gerstein, Murray & 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) WO 02/087008 (13) A2

(21) PCT/US02/12397

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,168 20 Apr/avr 2001 US (20.04.2001)

(30) 09/863,975 23 May/mai 2001 US (23.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PLANAR, FRACTAL, TIME-DELAY BEAMFORMER
• FORMEUR DE FAISCEAUX FRACTAL, PLAN, A RETARDEMENT

(71) E-TENNA CORPORATION [US/US]; 6100 Frost Place, Laurel, MD 20707 (US).

(72) MCKINZIE, William, E., III; 8126 Brookwood Farm Road, Fulton, MD 20759 (US). LILLY, James, D.; 15400 Peach Orchard Road, Silver Spring, MD 20905 (US).

(74) CURTIS, Anthony, P.; 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).

(51)⁷ H01Q 1/12, 1/28

(11) WO 02/087009 (13) A1

(21) PCT/US02/08579

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/841,829 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTENNA ARRAY APPARATUS WITH CONFORMAL MOUNTING STRUCTURE

• APPAREIL A RESEAU D'ANTENNES A STRUCTURE DE MONTAGE CONFORMEE

(71) COMPOSITE OPTICS, INC. [US/US]; 9617 Distribution Avenue, San Diego, CA 92121 (US). SCIENCE AND APPLIED TECHNOLOGY, INC. [US/US]; 10815 Rancho Bernardo Road, San Diego, CA 92127-2113 (US).

(72) BONEBRIGHT, Mark, E.; 2562 Castellon Terrace, El Cajon, CA 92019 (US). MCNAUL, William, F.; 17338 Rockhouse Road, Ramona, CA 92065 (US). RERECICH, Anthony, S.; 9622 Saskatchewan Avenue, San Diego, CA 92129 (US). WEATHERINGTON, Jon, D.; 16110 Avenida Venusto #5, San Diego, CA 92128 (US). SINCLAIR, Rodney, F.; 3010 Morningside Drive, Thousand Oaks, CA 91362 (US). WITTMOND, John, F.; 2033 Calle Salto, Thousand Oaks, CA 91360 (US). ZIMMER, William, J.; 7272 Cirrus Way, West Hills, CA 91307 (US).

(74) BROOKS, Michael, B.; Law Offices of Brooks & Fillbach, Suite 104, 5010 N. Parkway Calabasas, Calabasas, CA 91302 (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); (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) (t) 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); (t) 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)

(51)⁷ H01Q 1/24, 9/30, 1/48

(11) WO 02/087010 (13) A2

(21) PCT/EP02/04254

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 01109651.8 19 Apr/avr 2001 EP (19.04.2001)

(30) 60/287,082 26 Apr/avr 2001 US (26.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ARRANGEMENT FOR A MOBILE TERMINAL

• SYSTEME POUR TERMINAL MOBILE

(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) LINDELL, Bo [SE/SE]; Mjölmarstigen 4, S-181 46 Lidingö (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/24, 1/10

(11) WO 02/087011 (13) A1

(21) PCT/SE02/00772

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0101406-7 23 Apr/avr 2001 SE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTENNA ARRANGEMENT
• AGENCEMENT D'ANTENNES

(71) ALLGON AB [SE/SE]; Antennvägen 6, S-187 80 Täby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NYQVIST, Michael [SE/SE]; Råfsvägen 2, S-184 33 Åkersberga (SE).

(74) ROMEDAHL, Bengt et al. / etc.; Kransell & Wennberg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/38, 1/48, 1/24

(11) WO 02/087012 (13) A1

(21) PCT/SE02/00720

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 0101427-3 24 Apr/avr 2001 SE (24.04.2001)

(30) 60/289,966 9 May/mai 2001 US (09.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PIFA ANTENNA WITH HIGP STRUCTURE

• ANTENNE PIFA A STRUCTURE DE PLAN DE SOL A HAUTE IMPEDANCE HIGP

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REDVIK, Jonatan [SE/SE]; Södra Vägen 8, S-412 54 Göteborg (SE).

(74) HEDBERG, Åke et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 3/34, G02B 26/08

(11) WO 02/087013 (13) A1

(21) PCT/US02/09450

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/829,780 10 Apr/avr 2001 US (10.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RADIO FREQUENCY WAVE AND OPTICAL BEAM STEER COMBINATION
• COMBINAISON D'ONDES A RADIO-FREQUENCE ET ORIENTATION DE FAISCEAUX OPTIQUES

(63) US 61/964,6-9 (CON) 10 Apr/avr 2001 (10.04.2001)

(71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANGONAN, Gregory, L. [US/US]; 141 Santa Rosa Avenue, Oxnard, CA 93035 (US).

(74) BERG, Richard, P. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/00, 9/04

(11) WO 02/087014 (13) A1

(21) PCT/DE02/01193

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 19 780.2 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SWITCHABLE INTEGRATED MOBILE RADIOTELEPHONE ANTENNA

• ANTENNE DE RADIOTELEPHONIE MOBILE INTEGREE ET COMMUTABLE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittlesbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LARKAMP, Markus [DE/DE]; Uerdinger Strasse 333, 47800 Krefeld (DE). NEVERMANN, Peter [DE/US]; 8858 Ragweed Court, San Diego, CA 92129 (US). SHENG-GEN, Pan [DE/DE]; Sichelweg 15, 47475 Kamp-Lintfort (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 H01Q 5/00

(11) WO 02/087015 (13) A1

(21) PCT/FR02/01311

(22) 16 Apr/avr 2002 (16.04.2002)

(25) fr (26) fr

(30) 01/05467 23 Apr/avr 2001 FR (23.04.2001)

(30) 01/05466 23 Apr/avr 2001 FR (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPACT ANTENNA BLOCK FOR A WIRELESS DEVICE
• BLOC ANTENNE POUR DISPOSITIF SANS FIL PARTICULIEREMENT COMPACT

(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) BELHORA, Abdelkrim [FR/FR]; 13, rue Colbert, F-91560 Crosnes (FR).

(74) SCHMIT, Christian, Norbert, Marie; Cabinet Christian Schmit et Associés, 8, place du Ponceau, F-95000 Cergy (FR).

(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 H01Q 9/04, 9/16, 9/30, 13/02, 13/06, 13/20, 13/22

(11) WO 02/087016 (13) A1

(21) PCT/IB02/01078

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en

(26) en

(30) 60/283,093 11 Apr/avr 2001 US (11.04.2001)

(30) 09/904,631 13 Jul/juil 2001 US (13.07.2001)

(30) 09/912,753 24 Jul/juil 2001 US (24.07.2001)

(30) 09/927,732 8 Aug/août 2001 US (08.08.2001)

(30) 09/927,136 10 Aug/août 2001 US (10.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FERROELECTRIC ANTENNA AND METHOD FOR TUNING SAME

• ANTENNE FERROELECTRIQUE ET PROCEDE D'ACCORD DE CELLE-CI

(71) KYOCERA WIRELESS CORPORATION [US/US]; 10300 Campus Point Drive, San Diego, CA 92121 (US).

(72) TONCICH, Stanley, S.; 11155 Spooner Court, San Diego, CA 92131 (US). TRAN, Allen; 10925 Corte Mejillones, 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 H01Q 11/08, 3/00

(11) WO 02/087017 (13) A1

(21) PCT/AU02/00505

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) PR 4526 23 Apr/avr 2001 AU (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HELICAL ANTENNA

• ANTENNE HELICOIDALE

(71) M & S SMITH PTY LTD [AU/AU]; North Australia Radio and Electronic Service, 418 Stuart Highway, Winnellie, N.T. 0820 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Mark [AU/AU]; North Australia Radio and Electronic Service, 418 Stuart Highway, Winnellie, N.T. 0820 (AU).

(74) MADDERNS; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 13/06, 15/08, 19/06

(11) WO 02/087018 (13) A1

(21) PCT/DE02/01511

(22) 19 Apr/avr 2002 (19.04.2002)

(25) de (26) de

(30) 201 07 294.7 21 Apr/avr 2001 DE (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR EXCITING A CENTRALLY FOCUSED REFLECTOR ANTENNA

• DISPOSITIF POUR EXCITER UNE ANTENNE A REFLECTEUR A FOCALISATION CENTRALE

(71, 72) WÖTZEL, Frank, E. [DE/DE]; Petersburger Strasse 73, 10249 Berlin (DE).

(74) NEUMANN, Günter; Hübner, Neumann, Radwer, Frankfurter Allee 286, 10317 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 H01R

(11) WO 02/087019 (13) A2

(21) PCT/US02/10287

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/840,276 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SHIELDED ELECTRICAL CONNECTOR FOR MOUNTING ON A PRINTED CIRCUIT BOARD

• CONNECTEUR ELECTRIQUE BLINDE A MONTER SUR UNE CARTE DE CIRCUITS IMPRIMES

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) KAMARAUSKAS, Michael; 259 Bedford Lane, Bloomington, IL 60108 (US). MARGULIS, Yan; 2432 Palazzo Court, Buffalo Grove, IL 60089 (US).

(74) WEISS, Stephen, Z.; 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

(11) WO 02/087020 (13) A2

(21) PCT/US02/10288

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 09/840,249 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LATCHING SYSTEM FOR ELECTRICAL CONNECTORS

• SYSTEME DE VERROUILLAGE POUR DES CONNECTEURS ELECTRIQUES

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) MAYO, Michael; 17441 Yakima, Lockport, IL 60540 (US). YAP, Yew, Teck; 323 Millcreek Lane, Naperville, IL 60540 (US). CHAVEZ, Jose, H., Jr.; 637 Wild Indigo Avenue, Romeoville, IL 60446 (US). MARGULIS, Yan; 2432 Palazzo Court, Buffalo Grove, IL 60089 (US).

(74) WEISS, Stephen, Z.; 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 4/24

(11) WO 02/087021 (13) A1

(21) PCT/US02/12725

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/840,493 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INSULATION DISPLACEMENT CONNECTOR FOR PARALLEL WIRE INSERTION

• CONNECTEUR AUTODENUDANT DESTINE A UNE INSERTION DE CABLE PARALLELE

(71) CORNING CABLE SYSTEMS LLC [US/US]; 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWER, Boyd, G. [US/US]; 801 Dana Circle, Keller, TX 76248 (US).

(74) DREMANN, Christopher, C.; 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 H01R 9/24, 9/26

(11) WO 02/087022 (13) A1

(21) PCT/US02/09222

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/840,482 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WIRE TERMINATION DEVICE HAVING TEST CONTACTS ON COVER

• DISPOSITIF D'EXTREMITE DE CABLE AVEC CONTACTS DE TEST SUR LE COUVERCLE

(71) CORNING CABLE SYSTEMS LLC [US/US]; 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VO, Chanh, C. [US/US]; 7021 Rovato Drive, Arlington, TX 76001 (US). GRUNWALD, Brad, N. [US/US]; 511 Westcliff Drive, Euless, TX 76040 (US).

(74) DREMANN, Christopher, C.; 800 17th Street N.W., P.O. Box 489, Hickory, Nc 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/26

(11) WO 02/087023 (13) A1

(21) PCT/DE02/01357

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 101 20 208.3 24 Apr/avr 2001 DE (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • GROUP OF LEAST TWO ELECTRICAL CONNECTING MODULES
- GROUPE COMPRENANT AU MOINS DEUX MODULES DE CONNEXION ELECTRIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (72) KREUTZER, Rainer; In der Weiding 27a, 92637 Weiden (DE). SCHRÖCK, Michael; Weissenburger Strasse 6a, 92224 Amberg (DE). ZERBIAN, Erich; Bachstr. 5, 92269 Fensterbach (DE).
- (81) CN.
- (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 H01R 13/24

(11) WO 02/087024 (13) A1

(21) PCT/US01/32305

(22) 18 Oct/oct 2001 (18.10.2001)

(25) en (26) en

(30) 09/691,740 18 Oct/oct 2000 US (18.10.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPLIANT INTERPOSER FOR SINGLE-SIDED ELECTRONIC PACKAGE ATTACHMENT
- ELEMENT D'INTERPOSITION FLEXIBLE DE FIXATION DE BOITIERS ELECTRONIQUES MONO-FACES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) SUNDSTROM, Lance, L.; 6432-109th Avenue North, Pinellas Park, FL 33782 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 13/52, 13/66

(11) WO 02/087025 (13) A1

(21) PCT/DE02/01351

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 201 06 745.5 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPACT COUPLER PLUG, PARTICULARLY FOR A PLANAR BROAD-BAND LAMBDA PROBE, IN WHICH SINGLE-CONDUCTOR SEALS ARE PREVENTED FROM BEING LOST

- FICHE DE COUPLAGE COMPACTE NOTAMMENT DESTINEE A UNE SONDRE LAMBDA A BANDE LARGE PLANE AVEC SECURITE ANTI-PERTE POUR JOINTS A CONDUCTEURS INDIVIDUELS

(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) PADE, Wolfgang [DE/DE]; Louise-Schroeder-Weg 12, 75428 Illingen (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 H01R 13/58

(11) WO 02/087026 (13) A2

(21) PCT/DE02/01353

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 201 06 747.1 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPACT COUPLER PLUG, PARTICULARLY FOR A PLANAR BROAD-BAND LAMBDA PROBE, THAT IS PROTECTED FROM DUST WHEN IN A PRE-LOCKING POSITION

- FICHE DE COUPLAGE COMPACTE NOTAMMENT DESTINEE A UNE SONDRE LAMBDA A BANDE LARGE PLANE COMPORTANT UNE PROTECTION ANTIPOUSSIERE DANS UNE POSITION DE PRE-ENCLENCHEMENT

(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) PADE, Wolfgang [DE/DE]; Louise-Schroeder-Weg 12, 75428 Illingen (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 13/629

(11) WO 02/087027 (13) A1

(21) PCT/DE02/01366

(22) 12 Apr/avr 2002 (12.04.2002)

(25) de (26) de

(30) 201 06 746.3 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CABLE FORM CONNECTOR COMPRISING A COMPACT LOCKING ELEMENT IN A VIBRATION-PROOF AND WATER-TIGHT DESIGN

- CONNECTEUR DE FAISCEAU DE CABLES COMPRENANT UN ELEMENT DE VERROUILLAGE COMPACT, DE CONCEPTION RESISTANTE AUX SECOURSSES ET ETANCHE

(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) PADE, Wolfgang [DE/DE]; Louise-Schroeder-Weg 12, 75428 Illingen (DE). HOFMEISTER, Werner [DE/DE]; Höhenstrasse 20, 75417 Muehlacker (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01R 13/633, 13/635

(11) WO 02/087028 (13) A1

(21) PCT/HU02/00032

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) P0101638 24 Apr/avr 2001 HU (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CONNECTOR RECEPTACLE WITH EJECTION MEANS

- RECEPTACLE DE CONNECTEUR DOTE DE MOYEN D'EJECTION

(71) KONTAVILL RT. [HU/HU]; Ipartelepí út 14., H-6600 Szentés (HU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SÁRKÖZI, Sándor [HU/HU]; Kossuth u. 17., H-6600 Szentés (HU).

(74) DANUBIA PATENT & TRADEMARK ATTORNEYS; Bajcsy-Zsilinszky út 16., H-1051 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 13/66

(11) WO 02/087029 (13) A1

(21) PCT/DE02/01352

(22) 11 Apr/avr 2002 (11.04.2002)

(25) de (26) de

(30) 201 06 749.8 19 Apr/avr 2001 DE (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • COMPACT COUPLER PLUG, PARTICULARLY FOR A PLANAR BROAD-BAND LAMBDA PROBE, HAVING AN INTEGRATED SECONDARY LOCKING

- FICHE DE COUPLAGE COMPACTE NOTAMMENT DESTINEE A UNE SONDE LAMBDA A BANDE LARGE PLANE AVEC VERROUILLAGE SECONDAIRE INTEGRE
- (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) **PADE, Wolfgang** [DE/DE]; Louise-Schroeder-Weg 12, 75428 Illingen (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 33/09**
- (11) **WO 02/087030** (13) A1
- (21) PCT/DE02/01461
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) de (26) de
- (30) 101 20 741.7 **20 Apr/avr 2001** DE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • LAMP HOLDER
• DISPOSITIF DE FIXATION POUR UNE LAMPE
- (71) **ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIEBS KG** [DE/DE]; Türkenstrasse 89, 80799 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MELZNER, Erwin** [DE/DE]; Hans-Sponholz-Strasse 2, 85614 Kirchseeon (DE). **KÖLL, Joachim** [DE/DE]; Feserstrasse 8, 80937 München (DE).
- (74) **MÜLLER, Wolfram, H.**; Maikowski & Ninnemann, Postfach 15 09 20, 10671 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 **H01S 3/08, 3/083**
- (11) **WO 02/087031** (13) A2
- (21) PCT/US02/00812
- (22) **11 Jan/jan 2002 (11.01.2002)**
- (25) en (26) en
- (30) 60/260,941 **11 Jan/jan 2001** US
(11.01.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MULTI-LEVEL CLOSED LOOP RESONATORS AND METHOD FOR FABRICATING SAME
• RESONATEURS A BOUCLE FERMEE MULTI-NIVEAU ET LEUR PROCEDE DE PRODUCTION
- (71) **PRINCETON LIGHTWAVE, INC.** [US/US]; 2601 U.S. Route 130 South, Cranbury, NJ 08512 (US).
- (72) **GRIFFEL, Giora**; 62 Buff Road, Tenafly, NJ 07670 (US). **MENNA, Raymond, J.**; 417 Taylor Avenue, Newtown, PA 18940 (US). **ABELES, Joseph, H.**; 3 Musket Court, East Brunswick, NJ 08816 (US). **CONNOLLY, John, C.**; 5 Wright Court, Clarksburg, NJ 08510 (US).
- (74) **DUANE MORRIS LLP**; 100 College Road West, Suite 100, Princeton, NJ 08540 (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 **H01S 3/10**
- (11) **WO 02/087032** (13) A1
- (21) PCT/US02/11221
- (22) **8 Apr/avr 2002 (08.04.2002)**
- (25) en (26) en
- (30) 60/285,008 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MODULATABLE MULTI-WAVELENGTH FIBER LASER SOURCE
• SOURCE LASER A FIBRE MODULABLE MULTI-LONGUEURS D'ONDE
- (71) **CHROMAPLEX, INC.** [US/US]; 150 Lucius Gordon Drive, West Henrietta, NY 14586 (US).
- (72) **FRANKEL, Robert**; 285 Idlewood Road, Rochester, NY 14618 (US). **HOOSE, John**; 14 Dewey Avenue, Fairport, NY 14450 (US).
- (74) **STUTIUS, Wolfgang, E. et al. / etc.**; Ropes & Gray, One International Place, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 **H01S 3/102**
- (11) **WO 02/087033** (13) A1
- (21) PCT/US02/10118
- (22) **1 Apr/avr 2002 (01.04.2002)**
- (25) en (26) en
- (30) 09/838,676 **19 Apr/avr 2001** US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • FREQUENCY MODULATED LASER APPARATUS AND METHOD
• APPAREIL ET PROCÉDÉ LASER À FRÉQUENCE MODULÉE
- (63) US 09/838,676 (CON)
19 Apr/avr 2001 (19.04.2001)
- (71) **HRL LABORATORIES, LLC** [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYES, Robert, R.** [US/US]; 26052 Mulholland Highway, Calabasas, CA 91302 (US).
- (74) **BERG, Richard, P. et al. / etc.**; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H01T 23/00**
- (11) **WO 02/087034** (13) A1
- (21) PCT/JP02/03969
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 2001-123230 **20 Apr/avr 2001** JP
(20.04.2001)
- (30) 2001-287786 **20 Sep/sep 2001** JP
(20.09.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ION GENERATOR AND AIR CONDITIONING APPARATUS
• GENERATEUR D'IONS ET APPAREIL DE CLIMATISATION
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEKOGUCHI, Yoshinori** [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP). **FURUHASHI, Kenji** [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP). **MORIKAWA, Mamoru** [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
- (74) **KOHNO, Takao**; C/O KOHNO PATENT OFFICE, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H02B 1/01**
- (11) **WO 02/087035** (13) A1
- (21) PCT/DE02/01345
- (22) **4 Apr/avr 2002 (04.04.2002)**
- (25) de (26) de
- (30) 101 20 738.7 **20 Apr/avr 2001** DE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)

(54) • SECTIONAL STEEL FRAME FROM PROFILED SECTIONS THAT ARE SCREWED TOGETHER

- CHASSIS EN ACIER PROFILE CONSTITUE DE TRONÇONS DE PROFILS VISSÉS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GENZEL, Rolf-Guenter [DE/DE]; Lessingstrasse 14, 64750 Luetzelbach (DE). JOACHIM, Daniel [DE/DE]; Prager Strasse 120, 04317 Leipzig (DE). LIENAU, Bernd [DE/DE]; A.D. Hellbuehlbruecke 32, 63801 Kleinostheim (DE).

(81) AU BA BG BR BY CA CN CZ EE HU ID IL IN JP KR LT LV MK RO SG SI SK UA US VN YU.

(84) EP (AT BE CH DE DK ES FI FR GB GR IE IT LU NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BA BG BR BY CA CN CZ EE HU ID IL IN JP KR LT LV MK RO SG SI SK UA VN YU EP (AT BE CH DE DK ES FI FR GB GR IE IT LU NL PT SE TR)
(u) for / pour US only / seulement

(51)⁷ H02B 1/20, 1/21

(11) WO 02/087036 (13) A1

(21) PCT/DE02/01346

(22) 5 Apr/avr 2002 (05.04.2002)

(25) de (26) de

(30) 01250140.9 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONNECTING DEVICE FOR A MODULE RACK OF A LOW-VOLTAGE SWITCHGEAR CABINET

- DISPOSITIF DE RACCORDEMENT POUR TIROIR A DISPOSITIFS D'UN TABLEAU DE DISTRIBUTION BASSE TENSION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KULACOGULU, Nesat [TR/TR]; Esentepe mah. Murat sk.18, 81430 Kartal/Istanbul (TR).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW EP (AT BE 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 H02B 1/36

(11) WO 02/087037 (13) A1

(21) PCT/DE02/01145

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 20 737.9 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOW VOLTAGE SWITCHGEAR COMPRISING A LOCKING DEVICE FOR AN APPLIANCE MODULE

- INSTALLATION DE COMMUTATION BASSE TENSION COMPORTANT UN DISPOSITIF DE VERROUILLAGE POUR MODULE D'APPAREILS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZICKMANTEL, Mathias [DE/DE]; Gundermannstrasse 7/0303, 04329 Leipzig (DE). SCHMIDT, Mario [DE/DE]; Gartengrund 34, 04178 Leipzig (DE).

(81) AU BA BG BR BY CA CN CZ EE HU ID IL IN JP KR LT LV MK MX NO PL RO RU SG SI SK UA US VN YU.

(84) EP (AT BE CH DE DK ES FI FR GB GR IE IT LU NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BA BG BR BY CA CN CZ EE HU ID IL IN JP KR LT LV MK MX NO PL RO RU SG SI SK UA VN YU EP (AT BE CH DE DK ES FI FR GB GR IE IT LU NL PT SE TR)
(u) for / pour US only / seulement

(51)⁷ H02B 11/00

(11) WO 02/087038 (13) A2

(21) PCT/DE02/01464

(22) 18 Apr/avr 2002 (18.04.2002)

(25) de (26) de

(30) 101 20 749.2 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTECTIVE UNIT TO PREVENT CONTACT WITH CONDUCTIVE CONTACTS IN A WITHDRAWABLE RACK OF A SWITCHING DEVICE

- DISPOSITIF DE PROTECTION EMPECHANT TOUT CONTACT AVEC DES CONTACTS CONDUCTEURS DANS UN TIROIR D'UN APPAREIL DE COMMUTATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEYLITZ, Erhard [DE/DE]; Forkenzeile 17, 13125 Berlin (DE). MAREK, Kathrina [DE/DE]; Elbestrasse 30, 16341 Zepernick (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN IN 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 IN 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 H02B 11/127

(11) WO 02/087039 (13) A1

(21) PCT/DE02/01155

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 20 784.0 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TRAVELLING MECHANISM FOR A WITHDRAWABLE CIRCUIT-BREAKER

- SYSTEME D'ENTRAÎNEMENT POUR COMMUTATEUR DE PUISSANCE ENFICHABLE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEYLITZ, Erhard [DE/DE]; Forkenzeile 17, 13125 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN IN 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 : CN IN 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 H02B 11/127

(11) WO 02/087040 (13) A1

(21) PCT/DE02/01158

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 20 784.0 23 Apr/avr 2001 DE (23.04.2001)

(30) 202 02 929.8 21 Feb/fév 2002 DE (21.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRIC SWITCH WITH A DRIVE SHAFT AND A BLOCKING MECHANISM FOR BLOCKING ACTUATION OF THE DRIVE SHAFT

- COMMUTATEUR ELECTRIQUE COMPRENANT UN ARBRE D'ENTRAÎNEMENT ET UN MECANISME DE VERROUILLAGE POUR BLOQUER L'ACTIONNEMENT DE L'ARBRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEYLITZ, Erhard** [DE/DE]; Forkenzeile 17, 13125 Berlin (DE). **LOSCH, Stefan** [DE/DE]; Heerstrasse 243, 13595 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CN IN 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 IN 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 **H02B 11/24**
(11) **WO 02/087041** (13) A1
(21) PCT/DE02/00484
(22) **7 Feb/fév 2002 (07.02.2002)**
(25) de (26) de
(30) 101 20 750.6 **23 Apr/avr 2001 DE (23.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PROTECTIVE UNIT TO PREVENT CONTACT WITH CONDUCTIVE CONTACTS IN A WITHDRAWABLE RACK OF A SWITCHING DEVICE
• DISPOSITIF DE PROTECTION PERMETTANT D'EMPECHER DE TOUCHER LES CONTACTS CONDUCTEURS D'UN CADRE A GLISSIERE D'UN APPAREIL DE COMMUTATION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEYLITZ, Erhard** [DE/DE]; Forkenzeile 17, 13125 Berlin (DE). **MAREK, Kathrina** [DE/DE]; Elbestrasse 30, 16341 Zepernick (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Wittelsbacherplatz 2, 80333 München (DE).
- (81) CN IN 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 IN 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 **H02B 13/00**
(11) **WO 02/087042** (13) A1
(21) PCT/EP02/02009
- (22) **26 Feb/fév 2002 (26.02.2002)**
(25) de (26) de
(30) 101 19 333.5 **20 Apr/avr 2001 DE (20.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRIC SWITCHING SYSTEM
• DISPOSITIF DE COMMUTATION ELECTRIQUE
- (71) **FELTEN & GUILLEAUME AG** [DE/DE]; Schanzenstr. 24-30, 51063 Köln (DE).
- (72) **DIRKS, Rolf**; Hausbroicher Str. 88a, 47877 Willich (DE). **KURRAT, Heinz**; Sauerbruchstr. 45, 38116 Braunschweig (DE). **HEISTER, Heinz**; Bruchhöfe 120, 47829 Krefeld (DE).
- (81) CN KR NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02B 13/00**
(11) **WO 02/087043** (13) A1
(21) PCT/EP02/04399
(22) **22 Apr/avr 2002 (22.04.2002)**
(25) de (26) de
(30) 101 19 335.1 **20 Apr/avr 2001 DE (20.04.2001)**
(30) 101 39 251.6 **9 Aug/août 2001 DE (09.08.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BUSBAR CONNECTION
• LIAISON A BARRE COLLECTRICE
- (71) **FELTEN & GUILLEAUME AG** [DE/DE]; Schanzenstr. 30, 51063 Köln (DE).
- (72) **DIRKS, Rolf**; Hausbroicher Str. 88a, 47877 Willich (DE). **SCHAAK, Martin**; Landwehrweg 23, 59065 Hamm (DE).
- (74) **HOHMANN, Heinz, H.**; Felten & Guillaume AG, Schanzenstrasse 30, 51063 Köln (DE).
- (81) CN KR NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02B 13/02**
(11) **WO 02/087044** (13) A1
(21) PCT/EP02/03440
(22) **27 Mar/mar 2002 (27.03.2002)**
(25) de (26) de
(30) 101 19 110.3 **19 Apr/avr 2001 DE (19.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CONNECTOR HOUSING FOR GAS INSULATED MEDIUM-VOLTAGE SUBSTATIONS
• BOITIER DE RACCORDEMENT POUR INSTALLATIONS DE COMMUTATION MOYENNE TENSION A ISOLATION GAZEUSE
- (71) **FELTEN & GUILLEAUME AG** [DE/DE]; Schanzenstr. 30, 51063 Köln (DE).
- (72) **DIRKS, Rolf**; Hausbroicher Str. 88a, 47877 Willich (DE). **NÄBER, Klaus**; Kesslerstr. 30, 47906 Kempen (DE).
- (74) **HOHMANN, Heinz, H.**; Felten & Guillaume AG, Schanzenstrasse 24-30, 51063 Köln (DE).
- (81) CN KR NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02G 1/06, E03F 5/00, E21B 7/26**
(11) **WO 02/087045** (13) A1
(21) PCT/DE02/01482
(22) **23 Apr/avr 2002 (23.04.2002)**
(25) de (26) de
(30) 101 20 186.9 **24 Apr/avr 2001 DE (24.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • NO-DIG METHOD FOR ESTABLISHING AND OPERATING AN UNDERGROUND TELECOMMUNICATIONS (FIXED) NETWORK THAT FOLLOWS THE ROUTE OF EXISTING WASTE-WATER NETWORKS
• PROCEDE PERMETTANT D'INSTALLER SANS CREUSEMENT DE TRANCHEE ET DE FAIRE FONCTIONNER UN RESEAU DE TELECOMMUNICATION (ENTERRE) QUI SUIT LE TRACE DES RESEAUX EXISTANTS D'EVACUATION DES EAUX USEES
- (71, 72) **HENZE, Michael** [DE/DE]; Mainring 10, 63500 Seligenstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **H02G 1/12**
(11) **WO 02/087046** (13) A1
(21) PCT/US02/04574
(22) **15 Feb/fév 2002 (15.02.2002)**
(25) en (26) en
(30) 01109855.5 **23 Apr/avr 2001 EP (23.04.2001)**
(43) 31 Oct/oct 2002 (31.10.2002)
- (54) • STRIPPING TOOL FOR COAXIAL CABLE
• OUTIL A DENUDER POUR CABLE COAXIAL
- (71) **CORNING GILBERT INC.** [US/US]; 5310 W. Camelback Road, Glendale, AZ 85301 (US).
- (72) **HENNINGSEN, Jimmy**; Granitvej 3, Fensmark, DK-4700 Naestved (DK).
- (74) **HOMA, Joseph M.**; Patent Department, SP TI 3-1, Corning, NY 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ 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 H02G 3/00, F16L 3/00

(11) WO 02/087047 (13) A1

(21) PCT/AU02/00405

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) PR 4464 20 Apr/avr 2001 AU
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CABLE SUPPORTING DEVICE

• DISPOSITIF DE SUPPORT DE CABLE

(71) ELLICE HOLDINGS PTY LTD [AU/AU];
5 Elwood Street, Golden Square, Victoria
3555 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SMITH, Warrick [AU/AU]; 5 Elwood
Street, Golden Square, Victoria 3555 (AU).

(74) FREEHILLS CARTER SMITH BEA-
DLE; Level 43, 101 Collins Street, Mel-
bourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H02G 3/04

(11) WO 02/087048 (13) A1

(21) PCT/IB02/01365

(22) 24 Apr/avr 2002 (24.04.2002)

(25) fr (26) fr

(30) 01/05544 25 Apr/avr 2001 FR
(25.04.2001)

(30) 01/07291 5 Jun/juin 2001 FR
(05.06.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTECTIVE SHEATH COMPRISING
A LONGITUDINAL FLEXIBLE MATE-
RIAL STRIP AND METHOD FOR PRO-
DUCING SAID SHEATH

• GAINE DE PROTECTION COMPOR-
TANT UNE BANDE LONGITUDINALE
EN MATIERE SOUPLE ET PROCEDE
DE FABRICATION D'UNE TELLE
GAINE

(71) SOFANO S.A. [FR/FR]; Zone Industrielle,
F-25340 Anteuil (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COMMEAUX, Pascal [FR/FR]; 12,
rue des Grottes, F-25110 Baume les Dames
(FR). KLINKLIN, Emmanuel [FR/FR];
2, rue des Amandiers, F-68230 Turckheim
(FR). DOMINGUES DUARTE, Domingos
[PT/PT]; Rua Enxurgueiras 225, 2425 OR-
TIGOSA (PT).

(74) MOINAS, Michel; Cabinet Michel
MOINAS, 13, chemin du Levant, F-01210
FERNEY-VOLTAIRE (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02H 3/093

(11) WO 02/087049 (13) A1

(21) PCT/DE02/01157

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 20 751.4 23 Apr/avr 2001 DE
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OVERCURRENT TRIP DEVICE COM-
PRISING THE DETECTION OF THE
WAVEFORM OF A CURRENT TO BE
MONITORED

• DISPOSITIF DISCONTACTEUR AVEC
DETECTION DE LA FORME D'ONDE
D'UN COURANT A SURVEILLER

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIZENER, Jeffery-C. [US/US]; 811 N.
Main Street, Bellefontaine, OH 43311 (US).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) CN IN 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 : CN IN 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 H02H 6/00, 7/085, G01R 31/34

(11) WO 02/087050 (13) A1

(21) PCT/EP02/04263

(22) 17 Apr/avr 2002 (17.04.2002)

(25) de (26) de

(30) 101 19 201.0 19 Apr/avr 2001 DE
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR MEA-
SURING THE TEMPERATURE OF
WINDINGS OF A DRIVE MOTOR

• PROCEDE ET DISPOSITIF POUR ME-
SURER LA TEMPERATURE D'EN-
ROULEMENTS D'UN MOTEUR D'EN-
TRAINEMENT

(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Hochstr. 17,
81669 München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KLEIN, Hans-Wilhelm [DE/DE];
Schlesierstr. 42, 97078 Würzburg (DE).

(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Hochstr. 17, 81669
München (DE).

(81) 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)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : KR EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR)

(51)⁷ H02H 7/16, H02J 7/00, B64D 11/00,
H01M 10/44, 10/46, G05F 1/67, G06F 1/30,
H02K 7/18

(11) WO 02/087051 (13) A1

(21) PCT/GB02/01736

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109743.5 19 Apr/avr 2001 GB
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRICAL POWER SUPPLY

• ALIMENTATION ELECTRIQUE

(71) ATKIN DESIGN AND DEVELOPMENT
LIMITED [GB/GB]; 1 Park Edge, Harro-
gate, North Yorkshire HG2 8JU (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ATKIN, Howard [GB/GB]; 1 Park Edge,
Harrogate, North Yorkshire HG2 8JU (GB).

(74) ALLMAN, Peter, John; Marks & Clerk,
Sussex House, 83-85 Mosley Street, Man-
chester 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 H02J
 (11) WO 02/087052 (13) A2
 (21) PCT/US02/12315
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 09/838,661 19 Apr/avr 2001 US (19.04.2001)
 (30) 09/845,531 30 Apr/avr 2001 US (30.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • INTEGRATED SOLID OXIDE FUEL CELL SYSTEM
 • DISPOSITIF DE PILE A COMBUSTIBLE A OXYDE SOLIDE INTEGRE
 (71) DELPHI TECHNOLOGIES, INC. [US/US]; P.O. Box 5052, Mail Code 480 414 420, Troy, MI 48007-5052 (US).
 (72) HALTNER, Karl, Jacob, Jr.; 28 Center Crossing, Fairport, NY 14450 (US). FAVILLE, Michael, Thomas; 5183 Trip Hammer Road, Geneseo, NY 14454 (US). GRIEVE, Malcolm, James; 21 Wenlock Road, Fairport, NY 14450 (US). NOETZEL, John; 17 St. Andrews Boulevard, Fairport, NY 14450 (US). DEMINCO, Chris, M.; 7686 East River Road, West Rush, NY 14587 (US). KEEGAN, Kevin, Richard; 16 Bennett Road, Hilton, NY 14468 (US). O'BRIEN, John, E.; 5514 Hartford Drive, Lockport, NY 14094 (US). MUKERJEE, Subhasish; Apartment Number 5, 157 Greystone Lane, Rochester, NY 14648 (US). SCHUMANN, David, Robert; 11 Holly Circle, Spencerport, NY 14559 (US). SHAFFER, Steven, R.; 9350 Hegel Road, Goordrich, MI 48438 (US). KAMMERER, Juergen, T.; Dorfstrasse 18, 86565 Weilach (DE). VAVONESE, Catherine, C.; 104 Windmill Trail, Rochester, NY 14624 (US). HALLER, James, Michael; 1 Hill Creek Road, Rochester, NY 14625 (US). ARMSTRONG, Donald, Jack; 5099 Crestmont, Troy, NY 48098 (US). HUSTED, Harry, Laurie; 4408 Christopher Drive, Kokomo, IN 46902 (US). SIMPKINS, Haskell; 12224 Wellington Drive, Grand Blanc, MI 48439 (US).
 (74) ROACH, Laurence, S.; Jaeckle Fleischmann & Muegel, LLP, Suite 200, 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).
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 (21) PCT/GB01/01772
 (22) 20 Apr/avr 2001 (20.04.2001)
 (25) en (26) en
- (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • MOTOR VEHICLE ELECTRICAL LOAD MANAGEMENT
 • GESTION DE CHARGE ELECTRIQUE POUR VEHICULE A MOTEUR
 (71) JAGUAR CARS LIMITED [GB/GB]; Browns Lane, Allesley, Coventry, West Midlands CV5 9DR (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) PICKERING, Stephen, Robert [GB/GB]; 147 Burnham Road, Coventry, West Midlands CV3 4BS (GB).
 (74) MESSULAM, Alec, Moses; A. Messulam & Co. Ltd., 43-45 High Road, Bushey Heath, Bushey, Hertfordshire WD23 1EE (GB).
 (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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 (22) 17 Apr/avr 2002 (17.04.2002)
 (25) ja (26) ja
 (30) 2001-117841 17 Apr/avr 2001 JP (17.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • BATTERY-DRIVEN ELECTRONIC DEVICE AND MOBILE COMMUNICATION APPARATUS
 • DISPOSITIF ELECTRONIQUE A BATTERIE ET APPAREIL DE COMMUNICATION MOBILE
 (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) HANDA, Hiroyuki [JP/JP]; 19-8, Higashikourishinmachi, Hirakata-shi, Osaka 573-0077 (JP). ISHII, Takuya [JP/JP]; 30-5, Esakacho 2-chome, Suita-shi, Osaka 564-0063 (JP). NAKAJIMA, Yasufumi [JP/JP]; 2-5-8, Higashikouri, Hirakata-shi, Osaka 573-0075 (JP). BITO, Yasuhiko [JP/JP]; 3-21-19, Satsukinohigashi, Mihara-cho, Minamikawachi-gun, Osaka 587-0032 (JP). KASAMATSU, Shinji [JP/JP]; 4-28-106, Amanogahara, Katano-shi, Osaka 576-0034 (JP). NITTA, Yoshiaki [JP/JP]; 1-53-6, Nishifunahashi, Hirakata-shi, Osaka 573-1122 (JP).
 (74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
 (81) CN US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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 (22) 16 Apr/avr 2002 (16.04.2002)
 (25) ja (26) ja
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 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • ELECTRONIC APPARATUS HAVING CHARGING FUNCTION
 • APPAREIL ELECTRONIQUE PRESENTANT UNE FONCTION DE CHARGE-MENT
 (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) ISOMICHI, Yasuhiro [JP/JP]; 2142-1-207, Shimotaruki, Kakegawa-shi, Shizuoka 436-0222 (JP). OKU, Hiroyuki [JP/JP]; Room 205, Nagase-haitsu, 1216-1, Shinyoshidacho, Kouhoku-ku, Yokohama-shi, Kanagawa 223-0056 (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 UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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) 19 Apr/avr 2002 (19.04.2002)
 (25) de (26) de
 (30) 101 19 642.3 20 Apr/avr 2001 DE (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • STATOR FOR AN ELECTRICAL INDUCTION MACHINE, ESPECIALLY A SYNCHRONOUS MACHINE
 • STATOR POUR MACHINE ELECTRIQUE A INDUCTION, NOTAMMENT MACHINE SYNCHRONE
 (71) LENZE GMBH & CO. KG [DE/DE]; Hanz-Lenze-Str. 1, 31855 Aerzen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FRÄGER, Carsten [DE/DE]; An der Feuerwehr 12, 31785 Hameln (DE). HILFERT, Sven [DE/DE]; Moorkamp 19, 31789 Hameln (DE). MÜLLER, Matthias [DE/DE]; Im Dahlau 5, 32683 Barntrop (DE). NEUMANN, Edmund [DE/DE]; An den Pappeln 12, 30974 Wennigsen (DE).
 (74) THIELKING, Bodo et al. / etc.; Gadderbaumer Str. 14, 33602 Bielefeld (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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(11) WO 02/087057 (13) A1

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(22) 25 Jan/jan 2002 (25.01.2002)

(25) de (26) de

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTRONICALLY COMMUTATED DIRECT CURRENT MOTOR

• MOTEUR A COURANT CONTINU A COMMUTATION ELECTRONIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIGOLD, Thomas [DE/DE]; Favoritstrasse 17, 76532 Baden-Baden (DE). PFETZER, Johannes [DE/DE]; Rittersbachstrasse 49, 77815 Buehl (DE). RIEHL, Guenther [DE/DE]; Schlosshoehle 53, 77815 Buehl (DE). SCHMITZ, Matthias [DE/DE]; Eckbergstrasse 19a, 76534 Buehl (DE). ROCKLAGE-MARLIANI, Gerta [DE/DE]; Kemnader Strasse 345, 44797 Bochum (DE). HEIDRICH, Torsten [DE/DE]; Roggenweg 1, 71665 Vaihingen/Enz (DE).

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(22) 18 Apr/avr 2002 (18.04.2002)

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(30) 142779 24 Apr/avr 2001 IL (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTROMAGNETIC DEVICE PARTICULARLY USEFUL AS A VIBRATOR FOR A FLUID PUMP

• DISPOSITIF ELECTROMAGNETIQUE PARTICULIEREMENT UTILE SOUS LA FORME D'UN VIBRATEUR POUR UNE POMPE HYDRAULIQUE

(71) MNDE TECHNOLOGIES L.L.C. [US/US]; 9 East 40th Street, New York, NY 10016 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZABAR, Nachum [IL/IL]; 6 Ravon Street, 55900 Ganei Tikva (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 33/16, 1/12, 15/02

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(21) PCT/KR01/00879

(22) 25 May/mai 2001 (25.05.2001)

(25) en (26) en

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • STATOR FOR RECIPROCATING MOTOR

• STATOR DESTINE A UN MOTEUR ALTERNATIF

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-271 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOON, Hyung-Pyo [KR/KR]; Gaenari Apt., 403-901, Daebang-Dong, Changwon, Gyungangnam-Do 641-756 (KR). JEON, Si-Hang [KR/KR]; Daedong Mansion, 2-253, Nambumin 2-Dong, Seo-Gu, Busan 602-022 (KR). DO, Jin-Yeong [KR/KR]; Lucky Apt., 9-606, Banlim-Dong, Changwon, Gyungangnam-Do 647-764 (KR). KIM, Hyeong-Suk [KR/KR]; Ducksan Apt., Daebang-Dong, Changwon, Gyungangnam-Do 641-759 (KR). PARK, Kyeong-Bae [KR/KR]; Hanshin Apt., 102-2106, Cheolsan 3-Dong, Gwangmyoung, Gyunggi-Do 423-739 (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 H02K 33/16, 1/12, H01F 5/02

(11) WO 02/087060 (13) A1

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(25) en (26) en

(30) 2001/21165 19 Apr/avr 2001 KR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BOBBIN FOR RECIPROCATING MOTOR AND FABRICATION METHOD THEREOF

• BOBINE POUR MOTEUR ALTERNATIF ET PROCEDE DE FABRICATION DE CETTE BOBINE

(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) DO, Jin-Yeong [KR/KR]; Lucky Apt., 9-606, Banlim-Dong, Changwon 647-764, Gyungangnam-Do (KR). JUNG, Won-Hyun [KR/KR]; Seongwon Apt., 106-404, Namyang-Dong, Changwon 641-751, Gyungangnam-Do (KR). KIM, Hyeong-Suk [KR/KR]; Ducksan Apt., 201-601, Daebang-Dong, Changwon 641-759, Gyungangnam-Do (KR). JEON, Si-Hang [KR/KR]; Daedong Mansion, 2-253, Nambumin 2-Dong, Seo-Gu, Busan 602-022 (KR). YOON, Hyung-Pyo [KR/KR]; Gaenari Apt., 403-901, Daebang-Dong, Changwon 641-756, Gyungangnam-Do (KR).

(74) PARK, Jang-Won; Jewoo Building, 5th Floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H02K 41/03

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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LINEAR MOTOR COMPRISING AN INTEGRATED GUIDE

• MOTEUR LINEAIRE COMPORTANT UN GUIDE INTEGRE

(71) DR. JOHANNES HEIDENHAIN GMBH [DE/DE]; Postfach 12 60, 83292 Traunreut (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOMINE, Emmanuel [CH/CH]; Beau-Site 18, CH-2014 Bôle (CH). BUBENDORF, Denis [CH/CH]; Pierre-à-Sisier 5, CH-2014 Bôle (CH).

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(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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 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • CURRENT INVERTER
 • ONDULEUR
 (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) PANHUBER, Christoph [AT/AT]; Atriumweg 2c, A-4060 Leonding (AT).
 RIMPLER, Gerhard [AT/AT]; Teichstrasse 43, A-4523 Neuzeug (AT).
 (74) SECKLEHNER, Günter; Rosenauerweg 268, A-4580 Windischgarsten (AT).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (21) PCT/JP01/03351
 (22) 19 Apr/avr 2001 (19.04.2001)
 (25) ja (26) ja
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • PIEZOELECTRIC ACTUATOR AND INFORMATION STORAGE DEVICE
 • ACTIONNEUR PIEZO-ELECTRIQUE ET MEMOIRE INFORMATIQUE
 (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) KURIHARA, Kazuaki [JP/JP]; c/o FUJITSU LIMIED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HIDA, Masaharu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MITA, Tsuyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
 (74) YAMADA, Masaki et al. / etc.; KOSUGI & YAMADA, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
 (81) JP KR US.
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- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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 (22) 25 Sep/sep 2001 (25.09.2001)
 (25) en (26) en
 (30) RM2001A000222 24 Apr/avr 2001 IT (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • A FEEDING DEVICE WITH SOLAR CELLS, WORKING WITH ARTIFICIAL LIGHT SOURCES, FOR ELECTRONIC EQUIPMENTS
 • DISPOSITIF D'ALIMENTATION EQUIPE DE PILES SOLAIRES, FONCTIONNANT AVEC DES SOURCES DE LUMIERE ARTIFICIELLE, DESTINE A DES EQUIPEMENTS ELECTRONIQUES
 (71, 72) AGOSTINELLI, Paolo [IT/IT]; Santa Croce, 2257/A, I-30135 Venezia (IT).
 (74) MASCIOLI, Alessandro; Via Leonina, 26, I-00184 Roma (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).
 Declaration / Déclaration :
 (u) for / pour US only / seulement
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 (11) WO 02/087065 (13) A1
 (21) PCT/JP02/03751
 (22) 15 Apr/avr 2002 (15.04.2002)
 (25) ja (26) ja
 (30) 2001-119341 18 Apr/avr 2001 JP (18.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • MOTOR CONTROLLER
 • COMMANDE MOTEUR
 (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) KAKU, Souki [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). HONDA, Hideki [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). OGURO, Ryuichi [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).
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 (11) WO 02/087066 (13) A1
 (21) PCT/JP02/03998
 (22) 22 Apr/avr 2002 (22.04.2002)
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- (25) ja (26) ja
 (30) 2001-123411 20 Apr/avr 2001 JP (20.04.2001)
 (30) 2001-123412 20 Apr/avr 2001 JP (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DRIVE CONTROL
 • COMMANDE D'ENTRAINEMENT
 (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0023 (JP).
 (72) TAKEUCHI, Kesatoshi; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
 (74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES, 8F, 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
 (81) DE JP KR.
 Published / Publiée : (a)
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 (25) en (26) en
 (30) TO2001A000393 24 Apr/avr 2001 IT (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • ELECTRONIC SUPPLY DEVICE FOR ELECTRONIC-SWITCHING MOTORS
 • DISPOSITIF D'ALIMENTATION ELECTRONIQUE DESTINE A DES MOTEURS A COMMUTATION ELECTRONIQUE
 (71) BITRON S.P.A. [IT/IT]; Piazza Camandona, 249, I-10042 Nichelino (IT).
for all designated States except / pour tous les États désignés sauf US
 (72, 75) LINA, Fernando [IT/IT]; Via Casina, 28, I-22038 Tavenerio (IT).
 (74) LOTTI, Giorgio; Ing. Barzanò & Zanardo Milano S.p.A., C.so Vittorio Emanuele II, 61, I-10128 Torino (IT).
 (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)
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 (11) WO 02/087068 (13) A1
 (21) PCT/DE02/01197
 (22) 3 Apr/avr 2002 (03.04.2002)
 (25) de (26) de
 (30) 101 19 985.6 24 Apr/avr 2001 DE (24.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DEVICE FOR POWER SUPPLY IN A MULTI-VOLTAGE ELECTRIC SYSTEM OF A MOTOR VEHICLE
 • DISPOSITIF POUR ALIMENTER EN ENERGIE LE RESEAU DE BORD MULTITENSION D'UN VEHICULE
 (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 20 02, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRONBACH, Roman [DE/DE]; Banater Strasse 43, 70825 Korntal (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).

Published / Publiée : (c)

(51)⁷ H03B 5/20

(11) WO 02/087069 (13) A1

(21) PCT/EP02/04174

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 01201441.1 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONTROLLABLE OSCILLATOR
• OSCILLATEUR CONTROLABLE

(71) SEMICONDUCTOR IDEAS TO THE MARKET (ITOM) B.V. [NL/NL]; Drielandendreef 53, NL-4839 AH Breda (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KASPERKOVITZ, Wolfdietrich, Georg [NL/NL]; Eikenlaan 4, NL-5581 HA Waalre (NL).

(74) VAN STRAATEN, Joop; Octrooibureau van Straaten, Mgr. Bosstraat 22, NL-5401 EB Uden (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 H03B 5/32

(11) WO 02/087070 (13) A1

(21) PCT/JP02/03809

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-119196 18 Apr/avr 2001 JP (18.04.2001)

(30) 2001-274632 11 Sep/sep 2001 JP (11.09.2001)

(30) 2001-355413 21 Nov/nov 2001 JP (21.11.2001)

(30) 2002-26018 1 Feb/fév 2002 JP (01.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PIEZOELECTRIC OSCILLATOR AND ITS MANUFACTURING METHOD
• OSCILLATEUR PIEZOELECTRIQUE ET PROCEDE DE FABRICATION

(71) TOYO COMMUNICATION EQUIPMENT CO., LTD. [JP/JP]; 484, Tsukagoshi

3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8513 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKANASHI, Hitoshi [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP). UCHIYAMA, Tsuneo [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP). NAGANO, Youji [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP). HORIE, Kyo [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP). WATANABE, Noriyuki [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP). SHII, Kazuhiro [JP/JP]; c/o Toyo Communication Equipment Co., Ltd., 1-1, Koyato 2-chome, Samukawa-machi, Kouza-gun, Kanagawa 253-0192 (JP).

(74) SUZUKI, Hitoshi; Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).

(81) CN KR US.

(84) EP (DE ES FR GB IT).

Published / Publiée : (a)

(51)⁷ H03F

(11) WO 02/087071 (13) A2

(21) PCT/EP02/04173

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 01201438.7 20 Apr/avr 2001 EP (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TUNABLE RESONANCE AMPLIFIER
• AMPLIFICATEUR A RESONANCE ACCORDABLE

(71) SEMICONDUCTOR IDEAS TO THE MARKET (ITOM) B.V. [NL/NL]; Drielandendreef 53, NL-4839 AH Breda (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KASPERKOVITZ, Wolfdietrich, Georg [NL/NL]; Eikenlaan 4, NL-5581 HA Waalre (NL).

(74) VAN STRAATEN, Joop; Octrooibureau van Straaten, Mgr. Bosstraat 22, NL-5401 EB Uden (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 H03F

(11) WO 02/087072 (13) A2

(21) PCT/US02/12190

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,791 18 Apr/avr 2001 US (18.04.2001)

(30) 10/002,377 15 Nov/nov 2001 US (15.11.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIAS METHOD AND CIRCUIT FOR DISTORTION REDUCTION
• PROCEDE DE POLARISATION ET CIRCUIT ATTENUATEUR DE DISTORSIONS

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) APARIN, Vladimir; 4126 Calle Mar De Balenas, San Diego, CA 92130 (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 H03F

(11) WO 02/087073 (13) A2

(21) PCT/US02/12407

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/286,237 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AN IMPROVED DC OFFSET SELF-CALIBRATION SYSTEM FOR A DIGITAL SWITCHING AMPLIFIER
• SYSTEME D'AUTO-ETALONNAGE POUR DECALAGE EN CONTINU DESTINE A UN AMPLIFICATEUR DE COMMUTATION NUMERIQUE

(71) TRIPATH TECHNOLOGY INC. [US/US]; 3900 Freedom Circle, Santa Clara, CA 95054 (US).

(72) LLEWELLYN, William, D.; 1470 Husted Avenue, San Jose, CA 95125 (US).

(74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas LLP, 2030 Addison Street, 7th Floor, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/00

(11) WO 02/087074 (13) A2

(21) PCT/EP02/04458

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,239 23 Apr/avr 2001 US

(23.04.2001)

(30) 10/125,347 19 Apr/avr 2002 US

(19.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AUTOMATIC OPTIMIZATION OF LINEARITY FOR ENVELOPE FEEDBACK RF AMPLIFIER LINEARIZATION

• OPTIMISATION AUTOMATIQUE DE LINEARITE POUR LINEARISATION D'AMPLIFICATEUR RF A RETROACTION D'ENVELOPPE

(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) SUNDSTRÖM, Lars [SE/SE]; Leräkersvägen 18, S-240 14 Verberöd (SE).

(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 H03F 3/04

(11) WO 02/087075 (13) A1

(21) PCT/US02/12406

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,531 18 Apr/avr 2001 US

(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • AMPLIFIER BIAS CONTROL CIRCUIT

• CIRCUIT DE COMMANDE DE LA POLARISATION D'UN AMPLIFICATEUR

(71) XICOR, INC. [US/US]; 1511 Buckeye Drive, Milpitas, CA 95035-7431 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOJSLAW, Charles [US/US]; 13165 Moss Rock Drive, Auburn, CA 95602 (US).

(74) HORVATH, John, F. et al. / etc.; Fish & Richardson, P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H03F 3/217

(11) WO 02/087076 (13) A2

(21) PCT/US02/11014

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 60/284,444 18 Apr/avr 2001 US

(18.04.2001)

(30) 10/080,932 22 Feb/fév 2002 US

(22.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CLASS D AMPLIFIER WITH PASSIVE RC NETWORK

• AMPLIFICATEUR DE CLASSE D A RESEAU RESISTIF-CAPACITIF PASSIF

(71) MICROSEMI CORPORATION [US/US]; 2381 Morse Avenue, Irvine, CA 92614 (US).

(72) ANDERSSON, Bengt-Olov; 2479 Unicornio Street, Carlsbad, CA 92009 (US).

(74) CAMERON, Michael, G.; Jackson Walker, L.L.P., Suite 600, 2435 North Central Expressway, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/68

(11) WO 02/087077 (13) A1

(21) PCT/JP02/03619

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-116418 16 Apr/avr 2001 JP

(16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MULTISTAGED AMPLIFICATION CIRCUIT

• CIRCUIT D'AMPLIFICATION À PLUSIEURS ÉTAGES

(71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Takeshi [JP/JP]; 5-6, Sanno 2-chome, Ohta-ku, Tokyo 143-0023 (JP). MIYAGI, Hiroshi [JP/JP]; 1265-1, Shinyoshida-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-0056 (JP).

(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H03G 3/20, H03F 1/32

(11) WO 02/087078 (13) A1

(21) PCT/JP01/06181

(22) 17 Jul/juil 2001 (17.07.2001)

(25) ja (26) ja

(30) 2001-123327 20 Apr/avr 2001 JP

(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(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). OKAMURA, Atushi [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).

(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 H03G 3/30

(11) WO 02/087079 (13) A2

(21) PCT/EP02/03406

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/839,462 20 Apr/avr 2001 US

(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REGULATION FOR SATURATED SYSTEMS

• REGULATION POUR SYSTEMES SATURÉS

- (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) **BRANDT, Per-Olof** [SE/SE]; Trollebergs gård, S-245 61 Staffanstorps (SE).
FARZONE, Tagi [SE/SE]; Lladarvägen 20F, S-224 71 Lund (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 DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/205, 9/58**
- (11) **WO 02/087081** (13) A1
- (21) PCT/IB02/01460
- (22) **22 Apr/avr 2002 (22.04.2002)**
- (25) en (26) en
- (30) 01201647.3 **25 Apr/avr 2001 EP (25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ARRANGEMENT WITH TWO PIEZO-ELECTRIC LAYERS, AND METHOD OF OPERATING A FILTER DEVICE
• SYSTEME A DEUX COUCHES PIEZO-ELECTRIQUES ET PROCEDE D'EXPLOITATION D'UN DISPOSITIF FILTRANT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CH CN CY DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE TR)
- (71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; D-20099 Hamburg (DE).
(only for / seulement pour DE)
- (72) **WUNNICKE, Olaf**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LOEBL, Hans, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KLEE, Mareike, K.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MILSOM, Robert, F.**; 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 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 **H03H 11/30, H01P 1/18, H04B 1/40**
- (11) **WO 02/087082** (13) A1
- (21) PCT/IB02/01026
- (22) **2 Apr/avr 2002 (02.04.2002)**
- (25) en (26) en
- (30) 60/283,093 **11 Apr/avr 2001 US (11.04.2001)**
- (30) 09/904,631 **13 Jul/juil 2001 US (13.07.2001)**
- (30) 09/912,753 **24 Jul/juil 2001 US (24.07.2001)**
- (30) 09/927,732 **8 Aug/août 2001 US (08.08.2001)**
- (30) 09/927,136 **10 Aug/août 2001 US (10.08.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TUNABLE MATCHING CIRCUIT
- CIRCUIT D'ADAPTATION ACCORDABLE
- (71) **KYOCERA WIRELESS CORPORATION** [US/US]; 10300 Campus Point Drive, San Diego, CA 92121 (US).
- (72) **TONCICH, Stanley, Slavko**; 11155 Spooner Court, San Diego, CA 92131 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H03K 9/00, H04L 27/06, 27/14, 27/22**
- (11) **WO 02/087083** (13) A1
- (21) PCT/US02/12293
- (22) **18 Apr/avr 2002 (18.04.2002)**
- (25) en (26) en
- (30) 09/837,827 **18 Apr/avr 2001 US (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DIGITAL METHOD AND SYSTEM FOR DETERMINING THE INSTANTANEOUS PHASE AND AMPLITUDE OF A VIBRATORY ACCELEROMETER AND OTHER SENSORS
• SYSTEME ET PROCEDE NUMERIQUES PERMETTANT DE DETERMINER LA PHASE ET L'AMPLITUDE INSTANTANEE D'UN ACCELEROMETRE VIBRATOIRE ET D'AUTRES CAPTEURS
- (71) **THE CHARLES STARK DRAPER LABORATORY, INC.** [US/US]; 555 Technology Square, Cambridge, MA 02139 (US).
- (72) **WARD, Paul, A.**; 153 Cornell Street, Apt. 3, Roslindale, MA 02131 (US). **MCGORTY, David, J.**; 472 Central Street, Holliston, MA 01746 (US). **BROOKS, Lane, G.**; 299 Washington Street, #1, Somerville, MA 02143 (US).
- (74) **LAPPIN, Mark, G.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (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).
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- (51)⁷ **H03K 17/687**
- (11) **WO 02/087084** (13) A1
- (21) PCT/GB02/01832

- (22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 0109971.2 24 Apr/avr 2001 GB (24.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • RESONANT LOGIC DRIVER CIRCUIT
• CIRCUIT D'EXCITATION LOGIQUE ACCORDE
(71, 72) HARVEY, Geoffrey, Philip [GB/GB]; OpionExist Limited, The Irwin Centre, Scotland Road, Dry Drayton, Cambridge CB3 7HP (GB).
(74) EVENS, Paul, Jonathan; 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 VZ YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H03K 19/00, H01L 27/04, 27/088
(11) WO 02/087085 (13) A1
(21) PCT/JP02/03620
(22) 11 Apr/avr 2002 (11.04.2002)
(25) ja (26) ja
(30) 2001-116419 16 Apr/avr 2001 JP (16.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • POWER STANDBY CIRCUIT OF LOW-THRESHOLD MOS TRANSISTOR
• CIRCUIT D'ALIMENTATION DE SECOURS DE TRANSISTOR MOS A FAIBLE SEUIL
(71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishinomachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) IKEDA, Takeshi [JP/JP]; 5-6, Sanno 2-chome, Ohta-ku, Tokyo 143-0023 (JP). MIYAGI, Hiroshi [JP/JP]; 1265-1, Shinyoshida-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-0056 (JP).
(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H03L 7/07, 7/081, G06F 1/10, G11C 7/22
(11) WO 02/087086 (13) A1
(21) PCT/US02/12155
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
- (30) 09/838,525 19 Apr/avr 2001 US (19.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CLOCK GENERATOR USING MASTER AND SLAVE DLLS
• GENERATEUR D'HORLOGE UTILISANT DES BOUCLES A RETARD DE PHASE (DLL) MAITRE ET ESCLAVE
(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716-9632 (US).
(72) LIN, Feng; 554 Hale Street, Boise, ID 83706 (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 US VZ YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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
(11) WO 02/087087 (13) A2
(21) PCT/US02/10799
(22) 5 Apr/avr 2002 (05.04.2002)
(25) en (26) en
(30) 09/840,664 23 Apr/avr 2001 US (23.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • PROTOCOL ENCODER AND DECODER
• CODEUR-DECODEUR DE PROTOCOLE
(71) ACTERNA, L.L.C. [US/US]; 20400 Observation Drive, Germantown, MD 20876-4023 (US).
(72) THAKKAR, Bina, Kunal; 102 Deanscroft Court, Cary, NC 27511 (US).
(74) CHIANTERA, Dominic, J.; 2200 West Main Street, Suite 800, Durham, NC 27705 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX 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 YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H03M 1/66 // 1/76
(11) WO 02/087089 (13) A2
(21) PCT/DE02/01487
(22) 23 Apr/avr 2002 (23.04.2002)
(25) de (26) de
(30) 101 19 757.8 23 Apr/avr 2001 DE (23.04.2001)
(30) 101 19 755.1 23 Apr/avr 2001 DE (23.04.2001)
(30) 101 63 262.2 21 Dec/déc 2001 DE (21.12.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CIRCUIT ARRANGEMENT FOR PHYSIOLOGICALLY OPTIMISED DIGITAL ADJUSTMENT AND DETECTION OF ELECTRIC AND ELECTRONIC ANALOG VALUES AND LEVELS
• CONFIGURATION DE CIRCUIT PERMETTANT D'OPTIMISER PHYSIOLOGIQUEMENT LE REGLAGE ET L'ACQUISITION NUMERIQUES DE NIVEAUX OU DE VALEURS ANALOGIQUES ELECTRIQUES OU ELECTRONIQUES
(71, 72) DIESING, Hans-Wolfgang [DE/DE]; Bahnhofstrasse 7c, 82296 Schöngesing (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.

(51)⁷ H03M 13/17, G06F 11/10, G11B 20/12,
20/18

(11) WO 02/087090 (13) A1

(21) PCT/IB02/01295

(22) 9 Apr/avr 2002 (09.04.2002)

(25) en (26) en

(30) 01201416.3 19 Apr/avr 2001 EP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR EN-
CODING INFORMATION WORDS,
METHOD AND DEVICE FOR DE-
CODING INFORMATION WORDS,
STORAGE MEDIUM AND SIGNAL

• PROCEDE ET DISPOSITIF DE CO-
DAGE DE MOTS D'INFORMATION,
PROCEDE ET DISPOSITIF DE DECO-
DAGE DE MOTS D'INFORMATION,
SUPPORT DE STOCKAGE ET SIGNAL

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) COENE, Willem, M., J., M.; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).
VAN DIJK, Marten, E.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). BAGGEN,
Constant, P., M., J.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (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 H04B

(11) WO 02/087091 (13) A2

(21) PCT/US02/12087

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/840,767 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BURST-MODE DIGITAL TRANSMIT-
TER
• EMETTEUR NUMERIQUE FONC-
TIONNANT EN MODE RAFALE

(71) SCIENTIFIC-ATLANTA, INC. [US/US];
5030 Sugarloaf Parkway, Lawrenceville, GA
30044 (US).

(72) MOBLEY, Joseph, Graham; 4656 Buck-
line Circle, Dunwoody, GA 30338 (US).
WEST, Lamar, E., Jr.; 7848 Holly Springs
Road, Maysville, GA 30558 (US).

(74) COUTURIER, Shelley, L. et al. / etc.;
Scientific-Atlanta, Inc., Intellectual Property
Dept. (4.3.517), 5030 Sugarloaf Parkway,
Lawrenceville, GA 30044 (US).

(81) BR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H04B

(11) WO 02/087092 (13) A2

(21) PCT/US02/12804

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,346 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIMPLIFIED METHOD AND APPARA-
TUS FOR PROGRAMMING A UNIVER-
SAL TRANSMITTER

• PROCEDES ET DISPOSITIF SIMPLI-
FIES PERMETTANT DE PROGRAM-
MER UN EMETTEUR UNIVERSEL

(71) THE CHAMBERLAIN GROUP, INC.
[US/US]; 845 Larch Avenue, Elmhurst, IL
60126 (US).

(72) KELLER, Robert, Roy, Jr.; 2701 Manor
Lane, Park Ridge, IL 60068 (US). CACCIA-
TORE, Joseph, John; 6125 Jackson Court,
Woodridge, IL 60517 (US). MCCARTHY,
Mark, A., Jr.; 405 Verde Drive, Schaumburg,
IL 60173 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch,
Even, Tabin & Flannery, 120 South LaSalle
Street, Suite 1600, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 1/10

(11) WO 02/087093 (13) A1

(21) PCT/US02/11965

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,476 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR ADAPT-
ING RF TRANSMISSIONS TO MIT-
IGATE THE EFFECTS OF CERTAIN
INTERFERENCES

• SYSTEME ET PROCEDE PERMET-
TANT D'ADAPTER DES TRANSMIS-
SIONS RF POUR ATTENUER LES
EFFETS DE CERTAINES INTERFE-
RENCES

(71) VECTRAD NETWORKS CORPORA-
TION [US/US]; 21520 30th Drive SE,
Building A, Suite 210, Bothell, WA 98021
(US).

(72) PRISMANTAS, Jerry; 29917 1st Place
South, Federal Way, WA 98003 (US).

ROTHAAR, Bruce, C.; 24033 47th Ave-
nue SE, Woodinville, WA 98072 (US).

(74) MAHURIN, Jerry, L. et al. / etc.; Fulbright
& Jaworski L.L.P., Suite 2800, 2200 Ross Ave-
nue, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 1/38, 1/00, H04J 3/16, H04K 1/00,
H04M 1/00, H04Q 7/32, G01S 1/02, 3/02

(11) WO 02/087094 (13) A1

(21) PCT/US02/12745

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,198 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR COM-
MUNICATING INFORMATION FROM
A COMPUTERIZED DISTRIBUTOR TO
PORTABLE COMPUTING DEVICES

• SYSTEME ET PROCEDE PERMET-
TANT DE COMMUNIQUER DES IN-
FORMATIONS D'UN DISTRIBUTEUR
INFORMATISE A DES DISPOSITIFS
INFORMATIQUES PORTABLES

(71) WIDERAY CORPORATION [US/US]; 25
Maiden Lane, Suite 502, San Francisco, CA
94108 (US).

(72) WEST, Gerry; 12519 24A, Surrey, British
Columbia V4A 8H8 (CA). VAN VORST,
Daryl; 311-1929 W. 3rd Avenue, Vancouver,
British Columbia V6J 1L3 (CA). KATO,
Saul; 701 Minna Street #13, San Francisco,
CA 94103 (US).

(74) EWING, Thomas et al. / etc.; Fenwick &
West LLP, Two Palo Alto Square, Palo Alto,
CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 1/38

(11) WO 02/087095 (13) A1

(21) PCT/US02/12747

- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/287,094 25 Apr/avr 2001 US (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WIRELESS MESSAGING SYSTEM TO MULTIPLE
• SYSTEME DE MESSAGERIE SANS FIL VERS UNE PLURALITE DE DESTINATAIRES
- (71) ENVOY WORLDWIDE, INC. [US/US]; 100 Crosby Drive, Bedford, MA 01730 (US).
- (72) GREGORY, Keith, Edwards; 73 Robbins Street, Acton, MA 01720 (US). JEAN-GEORGE, Yola, Kateline; 94 George Street, Roxbury, MA 02119 (US). KIRTLEY, William, Harry; 117 Newport Street, Arlington, MA 02476 (US). PAGE, David, A.; 11 University Lane, Manchester, MA 01944 (US). PAGE, Howard, Geza; 111 Central Avenue, Burlingame, CA 94010-5237 (US). SCHMIDT, Adrien, Paul, Raphael; 10, ru du General Bertrand 75007, F-75007 Paris (FR). WARDEN, Gregory, Charles; 52 Hoitt Road, Belmont, MA 02478 (US).
- (74) PAUL, Edwin, H. et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/62, 7/005, 1/04, H03F 1/32
- (11) WO 02/087097 (13) A1
- (21) PCT/JP01/03297
- (22) 18 Apr/avr 2001 (18.04.2001)
- (25) ja (26) ja
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DISTORTION COMPENSATING DEVICE
• DISPOSITIF DE CORRECTION DE DISTORSION
- (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) ODE, Takayoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OISHI, Yasuyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KUBO, Tokuro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAGATANI, Kazuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HAMADA, Hajime [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ISHIKAWA, Hiroyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUDABA, Nobukazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) SAITO, Chimoto; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).
- (81) JP US.
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- (51)⁷ H04B 1/66, H04M 3/493
- (11) WO 02/087098 (13) A1
- (21) PCT/CA02/00531
- (22) 17 Apr/avr 2002 (17.04.2002)
- (25) en (26) en
- (30) 2,344,904 23 Apr/avr 2001 CA (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR MINIMISING BANDWIDTH UTILISATION
- IN A WIRELESS INTERACTIVE VOICE RESPONSE SYSTEM
- SYSTEME ET PROCEDURE DE MINIMISATION DE L'UTILISATION DE LA LARGEUR DE BANDE DANS UN SYSTEME DE REPONSE VOCALE INTERACTIF
- (71) SOMA NETWORKS, INC. [US/US]; Legal Department, 185 Berry St., Suite 2000, San Francisco, CA 94107 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PREISS, Bruno, Richard [CA/CA]; c/o Soma Networks, Inc., 312 Adelaide St. West, Suite 700, Toronto, Ontario M5V 1R2 (CA). WILK, Daniel [MX/CA]; c/o Soma Networks, Inc., 312 Adelaide St. West, Suite 700, Toronto, Ontario M5V 1R2 (CA).
- (74) STRATTON, Robert, P.; c/o Soma Networks, Inc., 312 Adelaide St. West, Suite 700, Toronto, Ontario M5V 1R2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 H04B 1/66
- (11) WO 02/087099 (13) A1
- (21) PCT/US02/12401
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,629 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BANDWIDTH-EFFICIENT WIRELESS NETWORK MODEM
• MODEM DE RESEAU SANS FIL PERMETTANT UNE UTILISATION EFFICACE DE LA BANDE PASSANTE
- (71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. [US/US]; 65 Spitbrook Road, Nashua, NH 03061 (US).
- (72) BROMMER, Karl; 15 Kensington Road, Hampton Falls, NH 03844 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 2001 1982 20 Apr/avr 2001 NO (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS FOR INCREASING THE CAPACITY BETWEEN TRANSMITTERS AND RECEIVERS IN SHORT-RANGE WIRELESS NETWORKS
• AUGMENTATION DE LA CAPACITE D'UN RESEAU LOCAL SANS FIL
- (71) RADIONOR COMMUNICATIONS AS [NO/NO]; Ingvald Ystgaards veg 3A, N-7047 Trondheim (NO). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SÆGROV, Atle [NO/NO]; Fjøsmeesterveien 10D, N-7046 Trondheim (NO).
- (74) ANDERSEN, Bjørn et al. / etc.; Onsagers AS, P.O. Box 265 Sentrum, N-0103 Oslo (NO).

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04B 1/707

(11) WO 02/087100 (13) A1

(21) PCT/EP02/03715

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01610042.2 19 Apr/avr 2001 EP
(19.04.2001)

(30) 60/284,869 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A CDMA MOBILE STATION WITH
POWER SAVING USING ADAPTIVE
CORRELATION WINDOW IN PATH
SEARCH

• STATION MOBILE CDMA PERMET-
TANT D'EFFECTUER DES ECONO-
MIES D'ENERGIE EN FAISANT APPEL
A UNE FENETRE DE CORRELATION
ADAPTATIVE DANS LA RECHERCHE
DE CHEMINS

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; S-126 25 Stockholm
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HENRIKSSON, Johan [SE/SE]; Koff-
stalundsvägen 1, S-703 85 Glanhammar
(SE).

(74) HOFMAN-BANG ZACCO A/S; Hans
Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/087101 (13) A1

(21) PCT/JP02/03817

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-119529 18 Apr/avr 2001 JP
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CDMA RECEPTION APPARATUS AND
PATH PROTECTION METHOD

• APPAREIL RECEPTEUR CDMA ET
PROCEDE DE PROTECTION DE TRA-
JET

(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) HIRADE, Sei [JP/JP]; c/o NEC COR-
PORATION, 7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa In-
ternational Patent Office, 8th Floor, Shuwa-
Tameike Building, 4-2, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AU BR CA CN KR NO 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 H04B 1/707

(11) WO 02/087102 (13) A2

(21) PCT/SE02/00778

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,510 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REDUCTION OF LINEAR INTERFER-
ENCE CANCELING SCHEME

• REDUCTION D'UN SCHEMA D'AN-
NULLATION DE LA PERTURBATION
LINEAIRE

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (PUBL) [SE/SE]; S-126 25 Stockholm
(SE).

(72) MURRILLO BARRERA, Alex; c/o Ángel
del Alcázar, 5-11, E-46018 Valencia (ES).
SPARRMAN, Erik; Grytstigen 24, S-147 52
Tumba (SE). PARKVALL, Stefan; Sigtuna-
gatan 18, S-113 22 Stockholm (SE).

(74) GULLSTRAND, Malin; Ericsson AB,
Patent Unit Research, Torshamnsgatan 23,
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).

(51)⁷ H04B 3/46

(11) WO 02/087103 (13) A1

(21) PCT/US02/12330

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,054 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SINGLE-ENDED MEASUREMENT
METHOD AND SYSTEM USING
ABCD-MATRIX THEORY OF TRANS-
MISSION LINES

• PROCEDE DE MESURE EN UNE
SEULE EXTREMITÉ ET SYSTEME
UTILISANT UNE THEORIE A MA-
TRICE ABCD DE LIGNE D'EMISSION

(71) AWARE, INC. [US/US]; 40 Middlesex
Turnpike, Bedford, MA 01730 (US).

(72) BELGE, Murat; Apt. J-27, 158 Concord
Road, Billerica, MA 01821 (US). OLINSKY,
Mark, H.; 18 Elane Avenue, Methuen, MA
01844 (US). SANDBERG, Stuart, D.; 8
Stacy's Way, Acton, MA 01720 (US).

(74) VICK, Jason, H.; Nixon Peabody LLP, Suite
800, 8180 Greensboro Drive, 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 H04B 3/54

(11) WO 02/087104 (13) A2

(21) PCT/ES02/00187

(22) 17 Apr/avr 2002 (17.04.2002)

(25) es (26) es

(30) P200100916 19 Apr/avr 2001 ES
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MULTIPLE AC-
CESS AND TRANSMISSION IN A
POINT-TO-MULTIPOINT SYSTEM ON
AN ELECTRICAL NETWORK

• PROCEDE D'ACCES ET DE TRANS-
MISSION MULTIPLES DANS UN SYS-
TEME POINT A MULTIPOINT SUR
RESEAU ELECTRIQUE

(71) DISEÑO DE SISTEMAS EN SILICIO,
S.A. [ES/ES]; Parque Tecnológico, Charles
Robert Darwin, 2, E-46980 PaternaValencia
(ES).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RIVEIRO INSUA, Juan, Carlos
[ES/ES]; Beata Genoveva Torres, 30 Esc.
B -10^o Puerta 43, E-46019 Valencia (ES).
GÓMEZ MARTÍNEZ, Feliciano [ES/ES];
Quart, 53 - Puerta 7^o, E-46001 Valencia (ES).
RUIZ LÓPEZ, David [ES/ES]; Cuenca, 27 -
Puerta 4^o, E-46007 Valencia (ES). FOUREN,
Nils, Hakan [SE/ES]; Zaragoza, 28, E-08006
Barcelona (ES). TORRES CANTÓN, Luis,
Manuel [ES/ES]; Avda. San José Arte-
sano, 16 - Puerota 5a, E-46025 Valencia
(ES). JIMÉNEZ MARQUINA, Francisco,
Javier [ES/ES]; Luis Casanova, 22 - 4^o
Puerta 16, E-46009 Valencia (ES). PARDO
VIDAL, Carlos [ES/ES]; Avda. Alfahuir,
39, Bloque 3-2^o Puerta 6, E-46019 Valencia
(ES). BLASCO CLARET, Jorge, Vicente
[ES/ES]; Guardia Civil, 23 - 2^o Puerta 28,
E-46020 Valencia (ES).

(74) UNGRIA LOPEZ, Javier; Avda, Ramón y
Cajal, 78, E-28043 Madrid (ES).

(81) AE AU BR CA CN HU ID IL IN JP KP KR MA MX NZ PH PL RO SG 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).

(51)⁷ H04B 3/54

(11) WO 02/087105 (13) A1

(21) PCT/US02/12130

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,289 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS FOR PROVIDING SECURITY ON A POWERLINE-MODEM NETWORK

• DISPOSITIF PERMETTANT DE SECURISER UN RESEAU DE MODEMS SEC-TEUR

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LITWIN, Louis, Robert, Jr. [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). RAMASWAMY, Kumar [IN/US]; 7701 Tamarron Drive, Plainsboro, NJ 08536 (US). PUGEL, Michael, Anthony [US/US]; 20925 Creek Road, Noblesville, IN 46060 (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 H04B 7/005

(11) WO 02/087106 (13) A1

(21) PCT/EP01/04622

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR ESTIMATING SIR OF A SIGNAL

• PROCEDE ET DISPOSITIF D'ESTIMATION DU RAPPORT SIGNAL/BROUILLAGE D'UN SIGNAL

(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) KYÖSTI, Pekka [FI/FI]; Uistintie 4 A 9, FIN-90550 Oulu (FI).

(74) EISENFÜHR, SPEISER & PARTNER; Arnulfstr. 25, 80335 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 H04B 7/04

(11) WO 02/087107 (13) A1

(21) PCT/IB02/01355

(22) 16 Apr/avr 2002 (16.04.2002)

(25) en (26) en

(30) 0110125.2 25 Apr/avr 2001 GB (25.04.2001)

(30) 0122745.3 21 Sep/sep 2001 GB (21.09.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(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). HUNT, Bernard; 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 IN 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 H04B 7/06

(11) WO 02/087108 (13) A1

(21) PCT/IB02/01426

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 0110125.2 25 Apr/avr 2001 GB (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RADIO COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION RADIO

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) MOULSLEY, Timothy, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BAKER, Matthew, P., J.; Prof. Holstlaan 6, NL-5656

AA Eindhoven (NL). HUNT, Bernard; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCOTT, Kevin, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/08

(11) WO 02/087109 (13) A1

(21) PCT/JP02/03618

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-116417 16 Apr/avr 2001 JP (16.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ANTENNA SWITCHING APPARATUS USING EARPHONE

• DISPOSITIF DE COMMUTATION D'ANTENNES A L'AIDE D'UN ECOU-TEUR

(71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Takeshi [JP/JP]; 5-6, Sanno 2-chome, Ohta-ku, Tokyo 143-0023 (JP). MIYAGI, Hiroshi [JP/JP]; 1265-1, Shinyoshida-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-0056 (JP).

(74) TACHIBANA, Kazuyuki; 87-64, Oaza-Shimoshingashi, Kawagoe-shi, Saitama 350-1136 (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 H04B 7/08

(11) WO 02/087110 (13) A1

(21) PCT/US02/10131

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/841,456 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SPATIAL PROCESSING AND TIMING ESTIMATION USING A TRAINING SEQUENCE IN A RADIO COMMUNICATIONS SYSTEM

• TRAITEMENT SPATIAL ET ESTIMATION DE SYNCHRONISATION A L'AIDE D'UNE SEQUENCE D'APPRENTISSAGE DANS UN SYSTEME DE COMMUNICATION RADIO

- (71) ARRAYCOM, INC. [US/US]; 2480 North First Street, Suite 200, San Jose, CA 95131 (US).
- (72) DOGAN, Mithat, C.; 674 Kirkland Drive #6, Sunnyvale, CA 94087 (US). PETRUS, Paul; 2350 Forbes Avenue, Santa Clara, CA 95050 (US). TROTT, Mitchell, D.; 216 Central Avenue, Mountain View, CA 94043 (US).
- (74) CALDWELL, Gregory, D. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/155, H01Q 1/22, H05K 5/04
- (11) WO 02/087111 (13) A1
- (21) PCT/SE02/00774
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 0101401-8 20 Apr/avr 2001 SE (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A COMMUNICATION DEVICE AND A LINK SYSTEM FOR SATELLITE COMMUNICATION
- DISPOSITIF DE CODAGE/DECODAGE OPTIQUE
- (71) SWE-DISH SATELLITE SYSTEMS AB [SE/SE]; Box 6495, S-113 82 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAHLBERG, Per [SE/SE]; Skurusundsvägen 84, S-131 46 Nacka (SE).
- (74) EHRNER & DELMAR PATENTBYRÅ AB; Box 103 16, S-100 55 Stockholm (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 DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B 7/185, B64B 1/70, 1/64, 1/44
- (11) WO 02/087112 (13) A2
- (21) PCT/US02/12228
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,799 18 Apr/avr 2001 US (18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • UNMANNED LIGHTER-THAN-AIR SAFE TERMINATION AND RECOVERY METHODS
- PLATE-FORME SANS EQUIPAGE PLUS LEGERE QUE L'AIR, ET PROCÉDES SURS DE FIN DE VOL ET RECUPERATION
- (71) SPACE DATA CORPORATION [US/US]; P.O. Box 1866, Chandler, AZ 85244-1866 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNOBLACH, Gerald, M. [US/US]; 117 South Lakeview Blvd., Chandler, AZ 85225 (US). FRISCHE, Eric, A. [US/US]; 1267 E. Chicago Circle, Chandler, AZ 85225 (US).
- (74) DAVE', Raj, S. et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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
- (11) WO 02/087113 (13) A1
- (21) PCT/JP02/03753
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) ja (26) ja
- (30) 2001-121542 19 Apr/avr 2001 JP (19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BASE STATION APPARATUS AND RADIO COMMUNICATION METHOD
- APPAREIL DE STATION DE BASE ET PROCÉDE DE COMMUNICATION RADIO
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUDO, Hiroaki [JP/JP]; 504, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0054 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B 10/00
- (11) WO 02/087114 (13) A2
- (21) PCT/CA02/00599
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 60/285,241 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL ENCODING/DECODING DEVICE
- DISPOSITIF DE CODAGE/DECODAGE OPTIQUE
- (71) ACCESSPHOTONIC NETWORKS INC. [CA/CA]; 1515 Saint-Jean Baptiste, #187, Québec, Québec G2E 5E2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MENIE, Mourad [CA/CA]; 8752 Pavilion Parent, Aile E, Ste-Foy, Québec G1K 7P4 (CA). BOULIANNE, Louis-Patrick [CA/CA]; 315 Du Coteau, St-Nicolas, Québec G7A 3A4 (CA).
- (74) ROBIC; 55, St-Jacques, Montreal, Québec H2Y 3X2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 10/00, 10/02
- (11) WO 02/087115 (13) A1
- (21) PCT/US02/12373
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/840,753 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BURST-MODE ANALOG TRANSMITTER
- EMETTEUR ANALOGIQUE EN MODE RAFALE
- (71) SCIENTIFIC-ATLANTA, INC. [US/US]; 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

(72) WEST Jr., Lamar E.; 7848 Holly Springs Road, Maysville, GA 30558 (US). SORENSON, Donald C.; 1703 Macy Lane, Lawrenceville, GA 30043 (US).

(74) COUTURIER, Shelley L. et al. / etc.; Scientific-Atlanta, Inc., Intellectual Property Dept. (4.3.517), 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

(81) BR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04B 10/00, 10/10

(11) WO 02/087116 (13) A1

(21) PCT/US02/12530

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,466 20 Apr/avr 2001 US (20.04.2001)

(30) 09/923,510 6 Aug/août 2001 US (06.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR EMBEDDING CONTROL INFORMATION WITHIN AN OPTICAL WIRELESS LINK

• SYSTEME ET PROCEDE PERMETTANT D'INCORPORER DES INFORMATIONS DE COMMANDE DANS UNE LIAISON OPTIQUE SANS FIL

(71) TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHRISTIANSEN, Grant [US/US]; 423 28th Street SW, Rochester, MN 55902 (US). NORTHROP, Karl, Kirk [US/US]; 409 41st Avenue NW, Rochester, MN 55901 (US). KELLER, Robert, Clair [US/US]; 7801 LaGuardia Drive, Plano, TX 75025 (US). MELENDEZ, Jose, Luis [US/US]; 3400 Twin Lakes Way, Plano, TX 75093 (US). SO, John, Ling, Wing [US/US]; 3701 Mount Vernon Way, Plano, TX 75025 (US).

(74) FRANZ, Warren, L. et al. / etc.; Texas Instruments Incorporated, P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 all designations / pour toutes les désignations

(51)⁷ H04B 10/00

(11) WO 02/087117 (13) A1

(21) PCT/US02/12571

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,460 20 Apr/avr 2001 US (20.04.2001)

(30) 09/942,265 27 Aug/août 2001 US (27.08.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR RE-ACQUISITION AFTER LINK DISRUPTION IN AN OPTICAL WIRELESS LINK

• PROCEDE ET APPAREIL DE RE-ACQUISITION D'ALIGNEMENT APRES INTERRUPTION DE LIAISON DANS UNE LIAISON OPTIQUE SANS FIL

(71) TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OETTINGER, Eric, Gregory [US/US]; 532 5th Street, SW, Rochester, MN 55902 (US). HEMINGER, Mark, David [US/US]; 102 North River Court, NE, Rochester, MN 55906 (US). NORTHROP, Karl, Kirk [US/US]; 409 41st Street Avenue, NW, Rochester, MN 55901 (US).

(74) FRANZ, Warren, L.; Deputy General Patent Counsel, Texas Instruments Incorporated, P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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 UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ

TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

(51)⁷ H04B 10/148

(11) WO 02/087118 (13) A1

(21) PCT/US01/23362

(22) 24 Jul/juil 2001 (24.07.2001)

(25) en (26) en

(30) 60/220,403 24 Jul/juil 2000 US (24.07.2000)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POLARIZATION DIVERSITY DETECTOR MASK SELECTION ALGORITHM

• ALGORITHME DE SELECTION DE MASQUE DE DETECTEUR DE DIVERSITE DE POLARISATION

(71) LITTON SYSTEMS, INC. [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNAACK, William, Christopher [US/US]; 7829 Faust Avenue, West Hills, CA 91304 (US). GIBBONS, Gregory, Alan [US/US]; 2058 Kirtland Circle, Thousand Oaks, CA 91360 (US).

(74) LYNN, John, H.; Suite F200, 2915 Redhill Avenue, Costa Mesa, CA 92626 (US).

(81) CA 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 H04B 10/155

(11) WO 02/087119 (13) A2

(21) PCT/GB02/01805

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 0109890.4 21 Apr/avr 2001 GB (21.04.2001)

(30) 0123603.3 2 Oct/oct 2001 GB (02.10.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL SIGNAL TRANSMITTER

• EMETTEUR DE SIGNAUX OPTIQUES

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEALEY, Peter [GB/GB]; 31 Norbury Road, Ipswich, Suffolk IP4 4RQ (GB). SMITH, David, William [GB/GB]; Lavender Villa, Campsea Ash, Nr. Woodbridge,

Suffolk IP13 0PL (GB). **TOWNSEND, Paul, David** [GB/GB]; 2 Thomas Walls Close, Grundisburgh, Woodbridge, Suffolk IP13 6XB (GB).

(74) **GRUNFELD, David, Peter**; Corning Limited, Patents & Licensing Department, Quantum House, Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 7DE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 the following designation / pour la désignation suivante : US; (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 H04B 17/00, 1/00, 7/00, H04K 1/10, H04N 7/10, G08C 17/00, G06F 13/00, H04J 1/05

(11) WO 02/087120 (13) A1

(21) PCT/US01/12993

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR GENERATING MULTIMEDIA ACCOMPANIMENTS TO BROADCAST DATA

• SYSTEME ET PROCEDE PERMETTANT DE GENERER DES DONNEES MULTIMEDIA COMPLEMENTAIRES DESTINEES A ACCOMPAGNER DES DONNEES DE RADIODIFFUSION

(71) **IMPULSE RADIO, INC.** [US/US]; 826 Broadway, 9th Floor, New York, NY 10003 (US).

(72) **CORTS, David**; 238 East 14th Street, Apartment 5B, New York, NY 10003 (US). **SIGNORELLI, Paul**; 241 East 76th Street, Apartment 2D, New York, NY 10021 (US). **HUNTER, Lee**; 196, Hollow Tree Ridge Road, Darien, CT 06820 (US). **WELLS, Bryce**; 262 Old Kings Highway South, Darien, CT 06820 (US). **SNYDER, Terrence**; 501 West Main Street, Stamford, CT 06902 (US).

(74) **HANCHUK, Walter, G.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H04J 3/08, 3/16, H04L 12/46, 12/437

(11) WO 02/087121 (13) A1

(21) PCT/IB02/01322

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/843,363 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF SIMPLIFIED ATM TRANSPORT RING PROTECTION FOR ACCESS NETWORKS AND RINGS NETWORK

• PROCEDE DE PROTECTION D'ANNEAUX DE TRANSPORT ATM SIMPLIFIEE POUR DES RESEAUX D'ACCES ET DES RESEAUX EN ANNEAU

(71) **ADC TELECOMMUNICATIONS ISRAEL LTD.** [IL/IL]; 10 HaSadnaot St., 46728 Herzlia (IL).

(72) **KLIPPER, Joshua**; 34, Harav Hacoeh Hanazir St., 42369 Netanya (IL). **AGMON, Gideon**; 5, Sharet Street, 44458 Kfar Saba (IL). **BENSKY, Ronit**; 15/5, Habonim Street, 45268 Hod Hasharon (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O.B. 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/12, G06F 15/16

(11) WO 02/087122 (13) A1

(21) PCT/US02/10548

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/840,253 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTOCOL PARSER - CODE GENERATOR

• ANALYSEUR DE PROTOCOLE, GENE-RATEUR DE CODE

(71) **ACTERNA, L.L.C.** [US/US]; 20400 Observation Drive, Germantown, MD 20876-4023 (US).

(72) **BENNET, David, Charles**; 8438 Wyndridge Drive, Apex, NC 27502 (US). **HANEY, Richard, P.**; 812 Emory Drive, Chapel Hill, NC 27514 (US). **THAKKAR, Bina, Kunal**; 102 Deanscroft Court, Cary, NC 27511 (US).

(74) **CHIANTERA, Dominic, J.**; Moore & Van Allen, PLLC, 2200 West Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04J 3/12

(11) WO 02/087123 (13) A1

(21) PCT/US02/13020

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,735 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND SYSTEMS FOR LOAD SHARING SIGNALING MESSAGES AMONG SIGNALING LINKS

• PROCEDES ET SYSTEMES DESTINES A DES MESSAGES DE SIGNALISATION A REPARTITION DE CHARGE PARMIS DES LIAISONS DE SIGNALISATION

(71) **TEKELEC** [US/US]; 26580 West Agoura Road, Calabasas, CA 91302 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCANN, Thomas, Matthew** [US/US]; 117 Oxyard Way, Morrisville, NC 27560 (US). **RAO, Raghavendra, Gopala** [IN/US]; 1114 Sweet Spot Circle, Morrisville, NC 27560 (US). **HARDIN, Paul, Henry, Sr.** [US/US]; 1106 Colehurst Crescent, Apex, NC 27502 (US). **YOUNG, James, Arnold** [US/US]; 2106 Battery Wagner Drive, Apex, NC 27502 (US).

(74) **JENKINS, Richard, E.**; 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).

Published / Publiée : (a)

(51)⁷ H04J 3/22

(11) WO 02/087124 (13) A1

(21) PCT/US02/12613

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/681,535 24 Apr/avr 2001 US
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NETWORK ANALYZER/SNIFFER
WITH MULTIPLE PROTOCOL CAPA-
BILITIES

• ANALYSEUR/RENIFLEUR DE RE-
SEAU A CAPACITES MULTIPROTO-
COLES

(71) CROSSROADS SYSTEMS, INC.
[US/US]; 8300 North Mopac Expressway,
Austin, TX 78759 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, David, G. [US/US]; 1815 Collier,
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(74) BERRIER, Mark, L.; 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).

Published / Publiée : (c)

(51)⁷ H04J 4/00

(11) WO 02/087125 (13) A1

(21) PCT/US02/12419

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/838,781 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROVISION OF DIGITAL DATA VIA
MULTIPLE BROADCASTS

• FOURNITURE DE DONNEES NUME-
RIQUES PAR L'INTERMEDIAIRE DE
DIFFUSIONS MULTIPLES

(71) CLEAR CHANNEL WIRELESS, INC.
[US/US]; 1906 Highland Avenue, Cincinnati,
OH 45219 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUNDEMER, Hank, J. [US/US]; 513
O'Fallon Avenue, Bellevue, KY (US).

(74) CHAPMAN, Floyd, B.; Attn: Patent Ad-
ministration, Wiley Rein & Fielding, LLP,
1776 K Street, N.W., Washington, DC 20006
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 H04J 14/00

(11) WO 02/087126 (13) A2

(21) PCT/US02/10784

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

(30) 09/839,023 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICALLY INTERCONNECTING
MULTIPLE PROCESSORS

• PROCESSEURS MULTIPLES OPTI-
QUEMENT RELIES

(71) INTEL CORPORATION [US/US]; 2200
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(72) METZ, Werner, Jr.; 568 North Saguro
Street, Chandler, AZ 85226 (US). RAJ, Kan-
nan; 3988 S. Hollyhock Place, Chandler, AZ
85248 (US).

(74) TROP, Timothy, N.; Trop, Pruner & Hu,
P.C., 8554 Katy Freeway, Suite 100, Houston,
TX 77024 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 14/02, H04B 10/00

(11) WO 02/087127 (13) A1

(21) PCT/SE02/00797

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 0101416-6 23 Apr/avr 2001 SE
(23.04.2001)

(30) 60/293,326 23 May/mai 2001 US
(23.05.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • OPTICAL CWDM-SYSTEM

• SYSTEME OPTIQUE A MULTI-
PLEXAGE PAR REPARTITION AP-
PROXIMATIVE EN LONGUEUR
D'ONDE (CWDM)

(71) TRANSMODE SYSTEMS AB [SE/SE];
Årstaängsvägen 24, S-117 43 Stockholm
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BODÉN, Lars [SE/SE]; Flådermors-
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(74) DR. LUDWIG BRANN PATENTBYRÅ
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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 H04J 14/02, 14/08, H04B 10/04

(11) WO 02/087128 (13) A1

(21) PCT/US02/12364

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/840,765 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A NETWORK AND METHOD FOR
TRANSMITTING REVERSE ANALOG
SIGNALS BY SUB-SAMPLING THE
DIGITAL REVERSE BANDWIDTH

• RESEAU ET PROCEDE DE TRANSMIS-
SION DE SIGNAUX ANALOGIQUES
INVERSES PAR SOUS-ECHAN-
TILLONNAGE DE LA LARGEUR DE
BANDE NUMERIQUE

(71) SCIENTIFIC-ATLANTA, INC. [US/US];
5030 Sugarloaf Parkway, Lawrenceville, GA
30044 (US).

(72) WEST Jr., Lamar E.; 7848 Holly Springs
Road, Maysville, GA 30558 (US).

(74) COUTURIER, Shelley L. et al. / etc.;
Scientific-Atlanta, Inc., Intellectual Property
Dept. (4.3.517), 5030 Sugarloaf Parkway,
Lawrenceville, GA 30044 (US).

(81) BR.

(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 H04K 1/00

(11) WO 02/087129 (13) A1

(21) PCT/US02/11445

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 60/283,736 12 Apr/avr 2001 US
(12.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DIGITAL WATERMARKS AS A COM-
MUNICATION CHANNEL IN DOCU-
MENTS FOR CONTROLLING DOCU-
MENT PROCESSING DEVICES

- FILIGRANES NUMERIQUES EN TANT QUE VOIE DE COMMUNICATION DANS DES DOCUMENTS POUR LE CONTROLE DE DISPOSITIFS DE TRAITEMENT DE DOCUMENTS
- (71) **DIGIMARC CORPORATION** [US/US]; 19801 S.W. 72nd Avenue, Suite 100, Tualatin, OR 97062 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RHOADS, Geoffrey, B.** [US/US]; 2961 S.W. Turner Road, West Linn, OR 97068 (US). **PATTERSON, Philip, R.** [US/US]; 25795 S.W. Meadowbrook Lane, Sherwood, OR 97140 (US). **MIOLLA, Ronald, S.** [US/US]; 7255 S.W. Lynnwood Court, Wilsonville, OR 97070 (US).
- (74) **MEYER, Joel, R.**; Digimarc Corporation, 19801 S.W. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H04L
- (11) **WO 02/087130** (13) A2
- (21) PCT/EP02/04141
- (22) **15 Apr/avr 2002 (15.04.2002)**
- (25) de (26) de
- (30) 01110000.5 **25 Apr/avr 2001** EP **(25.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ADAPTIVE DISTRIBUTED METHOD FOR CALCULATING SYSTEM-OPTIMAL ROUTES IN PACKET-SWITCHING COMMUNICATIONS NETWORKS
- PROCEDE ADAPTATIF ET REPARTI POUR LE CALCUL DE CHEMINS OPTIMAUX POUR LE SYSTEME DANS DES RESEAUX DE COMMUNICATION A COMMUTATION DE PAQUETS
- (71, 72) **MATHIAS, Paul** [DE/DE]; An der Weingass 36a, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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
- (11) **WO 02/087131** (13) A2
- (21) PCT/IB02/01084
- (22) **4 Apr/avr 2002 (04.04.2002)**
- (25) en (26) en
- (30) 60/286,035 **25 Apr/avr 2001** US **(25.04.2001)**
- (30) 10/026,616 **27 Dec/déc 2001** US **(27.12.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR INTER-LAYER CONTROL BETWEEN RE-SEQUENCING AND RETRANSMISSION ENTITIES
- PROCEDE ET SYSTEME DE CONTROLE INTERCOUCHE ENTRE DES ENTITES DE RESEQUENÇAGE ET DE RETRANSMISSION
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahentie 4, FIN-02150 Espoo (FI).
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72) **CHENG, Mark, W.**; 4170 Via Mar de Delfinas, San Diego, CA 92130 (US). **HSU, Liangchi, Alan**; 12855 Seabreeze Farms Drive, San Diego, CA 92130 (US).
- (74) **STOUT, Donald, E.** 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).
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- (51)⁷ H04L
- (11) **WO 02/087132** (13) A2
- (21) PCT/US02/12491
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,385 **20 Apr/avr 2001** US **(20.04.2001)**
- (30) 60/285,945 **23 Apr/avr 2001** US **(23.04.2001)**
- (30) 60/322,771 **17 Sep/sep 2001** US **(17.09.2001)**
- (30) 60/348,854 **15 Jan/jan 2002** US **(15.01.2002)**
- (30) 10/077,694 **15 Feb/fév 2002** US **(15.02.2002)**
- (30) 10/077,586 **15 Feb/fév 2002** US **(15.02.2002)**
- (30) 10/077,692 **15 Feb/fév 2002** US **(15.02.2002)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR DATA ANALYSIS
- PROCEDE ET SYSTEME D'ANALYSE DE DONNEES
- (71) **ANVIL INFORMATICS, INC.** [US/US]; 25 Corporate Drive, Burlington, MA 01803 (US).
- (72) **GEE, Alexander, G.**; Unit 4, 339 Pawtucket Blvd, Lowell, MA 01854 (US). **O'NEIL, Philip, J.**; 45 Ibbetson St. #3, Somerville, MA 02143 (US). **HOFFMAN, Patrick, E.**; 2 Fletcher Ln, Wilmington, MA 01887 (US).
- (74) **LEWKOWICZ, Paul, E.** et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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
- (11) **WO 02/087133** (13) A2
- (21) PCT/US02/12639
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) en (26) en
- (30) 60/285,402 **19 Apr/avr 2001** US **(19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR GENERALIZED AND ADAPTIVE TRANSACTION PROCESSING BETWEEN UNIFORM INFORMATION SERVICES AND APPLICATIONS
- PROCEDE ET SYSTEME DE TRAITEMENT TRANSACTIONNEL ADAPTATIF ET GENERALISE ENTRE DES SERVICES ET DES APPLICATIONS D'INFORMATIONS UNIFORMES
- (71) **INFOMOVE, INC.** [US/US]; 10635 NE 38th Place, Suite A, Kirkland, WA 98033 (US).
- (72) **MATHEWS, Michael, B.**; 10725 126th Place N.E., Kirkland, WA 98033 (US). **SEILSTAD, Mark, J.**; 25409 39th Place S, Kent, WA 98032 (US). **GREGORY, Steven**; 2837 Prosch Avenue W, Seattle, WA 98119 (US). **ZALINSKI, Charles, M.**; 10909 Avondale Road NE, # Q 168, Redmond, WA 98052 (US).
- (74) **KINDNESS, Gary, S.**; 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).

(51)⁷ H04L

(11) WO 02/087134 (13) A2
(21) PCT/US02/12739
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 60/286,021 23 Apr/avr 2001 US (23.04.2001)
(30) 10/076,879 13 Feb/fév 2002 US (13.02.2002)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • INTERACTIVE STREAMING MEDIA PRODUCTION TOOL USING COMMUNICATION OPTIMIZATION
• OUTIL DE PRODUCTION DE SUPPORTS EN CONTINU INTERACTIFS UTILISANT L'OPTIMISATION DES COMMUNICATIONS
(71) ENVIVIO.COM, INC. [US/US]; 801 Gateway Boulevard, Suite 402, South San Francisco, CA 94080 (US).
(72) COLEMAN, Mike; 11540 SW 43rd Avenue, Portland, OR 97219 (US). MACAULAY, Alexander; 1 Rue de la Cordelière, F-35000 Rennes (FR).
(74) SWERNOFSKY, Steven, A.; Swernofsky Law Group PC, P.O. Box 390013, Mountain View, CA 94039-0013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(11) WO 02/087135 (13) A2
(21) PCT/US02/13173
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 09/843,036 25 Apr/avr 2001 US (25.04.2001)
(30) 09/842,474 25 Apr/avr 2001 US (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR ADAPTING INFORMATION CONTENT FOR AN ELECTRONIC DEVICE

• SYSTEME ET PROCEDURE PERMETTANT D'ADAPTER UN CONTENU D'INFORMATIONS POUR UN DISPOSITIF ELECTRONIQUE

(71) NOVARRA, INC. [US/US]; 3232 N. Kennicott Avenue, Arlington Heights, IL 60015 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRAPANI, Matthew, Frank [US/US]; 912 Oxford Road, Deerfield, IL 60015 (US). POLONSKY, Leonid [US/US]; 242 Vista Court, Wilmette, IL 60091 (US). WIATRACK, Bruce [US/US]; 2166 Muirfield Trail, Bolingbrook, IL 60490 (US). HUNT, Francis, Edward, Simon [AU/US]; 1507 Watkins Lane, Apt. 201, Naperville, IL 60540 (US).

(74) TRIPLETT, Mark, W.; 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 H04L

(11) WO 02/087136 (13) A2
(21) PCT/US02/13182
(22) 25 Apr/avr 2002 (25.04.2002)
(25) en (26) en
(30) 60/286,595 25 Apr/avr 2001 US (25.04.2001)
(30) 60/298,355 14 Jun/juin 2001 US (14.06.2001)
(30) 60/308,280 26 Jul/juil 2001 US (26.07.2001)
(30) 60/308,275 26 Jul/juil 2001 US (26.07.2001)
(30) 10/128,941 24 Apr/avr 2002 US (24.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ADAPTIVE MULTI-PROTOCOL COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATION MULTIPROTOCOLE ADAPTATIF

(71) INFOTONE COMMUNICATIONS CORPORATION [US/US]; 4053 Harlan, Suite 110, Emeryville, CA (US).

(72) MOON, Avery; 1721 Bandoni Ave, San Lorenzo, CA 94580 (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 DMEE ES FI GB GD GE GH GM HR HU 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

(11) WO 02/087137 (13) A2
(21) PCT/EP01/04608
(22) 24 Apr/avr 2001 (24.04.2001)
(25) en (26) en
(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS FOR CHANGING THE SIZE OF A JITTER BUFFER AND FOR TIME ALIGNMENT, COMMUNICATIONS SYSTEM, RECEIVING END, AND TRANSCODER

• PROCÉDES DE CHANGEMENT DE LA TAILLE D'UN TAMPON DE GIGUE ET POUR L'ALIGNEMENT TEMPOREL, UN SYSTEME DE COMMUNICATIONS, UNE EXTREMITÉ DE RECEPTION ET UN TRANSCODEUR

(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) KURITTU, Antti [FI/FI]; Jönsaksenkuja 3C 23, FIN-01600 Vantaa (FI). KIRLA, Olli [FI/FI]; Kypäräkuja 9 D 8, FIN-02610 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 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 1/00

(11) WO 02/087138 (13) A1
(21) PCT/JP01/03265
(22) 17 Apr/avr 2001 (17.04.2001)
(25) ja (26) ja
(43) 31 Oct/oct 2002 (31.10.2002)

(54) • BIT ERROR TESTING METHOD AND DEVICE

• PROCEDURE ET DISPOSITIF POUR ANALYSER DES ERREURS SUR BITS

(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) NISHIOKA, Naonori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) MOIZUMI, Shuji; 25-27-809, Takanawa 3-chome, Minato-ku, Tokyo 108-0074 (JP).

(81) JP US.

(51)⁷ H04L 1/02, 27/28, H04B 15/00

(11) WO 02/087139 (13) A1

(21) PCT/US02/12978

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,047 25 Apr/avr 2001 US (25.04.2001)

(30) 10/082,351 26 Feb/fév 2002 US (26.02.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SMART ANTENNA BASED SPECTRUM MULTIPLEXING USING EXISTING PILOT SIGNALS FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) MODULATIONS

• MULTIPLEXAGE DE SPECTRE FONDES SUR DES ANTENNES INTELLIGENTES ET UTILISANT DES SIGNAUX PILOTES EXISTANT POUR LES MODULATIONS DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM)

(71) MAGNOLIA BROADBAND, INC. [US/US]; 64 Old Highway 22, Clinton, NJ 08809 (US).

(72) HAREL, Haim; 36 White Street, Apt. No. 4, New York, NY 10013 (US). SEGALOVITZ, Alexander; 14 Haemek Street, 4470 Kefar Sava (IL).

(74) COOLEY GODWARD LLP et al. / etc.; Attn: Patent Group, One Freedom Square, Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/16, 1/18, H04H 1/00

(11) WO 02/087140 (13) A1

(21) PCT/EP02/03416

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0109870.6 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RETURN CHANNEL FOR BROADCAST TRANSMISSIONS

• CANAL RETOUR POUR EMISSIONS DE RADIODIFFUSION

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBINSON, William, Neil [GB/GB]; 14 Copse Avenue, Weybourne, Farnham, Surrey GU9 9ED (GB).

(74) JEPSEN, Rene; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/08, H04Q 7/32

(11) WO 02/087141 (13) A1

(21) PCT/JP02/03648

(22) 12 Apr/avr 2002 (12.04.2002)

(25) ja (26) ja

(30) 2001-117304 16 Apr/avr 2001 JP (16.04.2001)

(30) 2001-127484 25 Apr/avr 2001 JP (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • FRAME SYNCHRONIZATION APPARATUS AND FRAME SYNCHRONIZATION METHOD

• PROCEDE ET APPAREIL DE SYNCHRONISATION DE TRAMES

(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) MORITA, Minori [JP/JP]; 1-178, Goshomachi, Kanazawa-shi, Ishikawa 920-0813 (JP). FUTAGI, Sadaki [JP/JP]; 67-3, I, Naka-machi, Mikawa-machi, Ishikawa-gun, Ishikawa 929-0224 (JP). UESUGI, Mitsuru [JP/JP]; 17-1-402, Anjindai, Yokosuka-shi, Kanagawa 238-0048 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU 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 02/087142 (13) A2

(21) PCT/US02/12260

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/837,288 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR PROVIDING SECURITY ON A POWERLINE-MODEM NETWORK

• PROCEDE DE SECURISATION D'UN RESEAU DE MODEMS A LIGNE DE PUISSANCE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LITWIN, Louis, Robert, Jr. [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). RAMASWAMY, Kumar [IN/US]; 7701 Tamarron Drive, Plainsboro, NJ 08536 (US). PUGEL, Michael, Anthony [US/US]; 20925 Creek Road, Noblesville, IN 46060 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087143 (13) A1

(21) PCT/US02/12343

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/284,914 18 Apr/avr 2001 US (18.04.2001)

(30) 10/118,406 5 Apr/avr 2002 US (05.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR IDENTIFYING A REPLAY ATTACK BY AN ACCESS DEVICE TO A COMPUTER SYSTEM

• PROCEDE ET SYSTEME PERMETTANT D'IDENTIFIER UNE ATTAQUE PAR REINSERTION MENEES PAR UN DISPOSITIF D'ACCES A UN SYSTEME INFORMATIQUE

(71) IPASS, INC. [US/US]; 3800 Bridge Parkway, Redwood City, CA 94065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBERT, Roy, David [US/US]; 6529 Fall River Drive, San Jose, CA 95120 (US). EDGETT, Jeff, Steven [US/US]; 151 South Bernado #24, Sunnyvale, CA 94086 (US). SUNDER, Singam [IN/US]; 539 Issac Court, San Jose, CA 95136 (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).

Published / Publiée : (c)

(51)⁷ H04L 9/08, H04N 7/167

(11) WO 02/087144 (13) A1

(21) PCT/FR02/01324

(22) 17 Apr/avr 2002 (17.04.2002)

(25) fr (26) fr

(30) 01 05316 19 Apr/avr 2001 FR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR SECURE COMMUNICATION BETWEEN TWO DEVICES

- PROCEDE POUR UNE COMMUNICATION SECURISEE ENTRE DEUX DISPOSITIFS

(71) CANAL + TECHNOLOGIES [FR/FR]; 34 Place Raoul Dautry, F-75516 PARIS Cedex 15 (FR).

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(72, 75) ALBANESE, Laurent [FR/FR]; 189 rue du Temple, F-75003 Paris (FR). PATRIS, Valérie [FR/FR]; 71 rue Camille Desmoulins, F-94800 VILLEJUIF (FR).

(74) DU BOISBAUDRY, Dominique; Brevalex, 3 rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AU CA IL IN JP KR NO 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 H04L 9/08

(11) WO 02/087145 (13) A1

(21) PCT/IB02/00468

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 01106633.9 16 Mar/mar 2001 EP (16.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD OF VERIFIABLY SHARING A SECRET IN POTENTIALLY ASYNCHRONOUS NETWORKS

- PROCEDE DE PARTAGE DE SECRET DE MANIERE CONTROLEE DANS DES RESEAUX POTENTIELLEMENT ASYNCHRONES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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(72, 75) CACHIN, Christian [CH/CH]; Eglistrasse 6, CH-8942 Oberrieden (CH). KURSAWE, Klaus [DE/CH]; Oberer Ruetiweg 1, CH-8803 Rueschlikon (CH). LYSYAN-SKAYA, Anna [US/US]; 25 Willow Avenue, Apt. 2, Somerville, MA 02144 (US). STROBL, Reto [CH/CH]; Universitaetsstrasse 65, CH-8006 Zurich (CH).

(74) WILLIAMS, Julian, David; International Business Machines Corporation, Saemurstrasse 4, 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).

(51)⁷ H04L 9/08

(11) WO 02/087146 (13) A1

(21) PCT/JP02/01996

(22) 5 Mar/mar 2002 (05.03.2002)

(25) ja (26) ja

(30) 2001-120327 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ENCRYPTION SYSTEM AND CONTROL METHOD THEREOF

- SYSTEME DE CHIFFREMENT ET PROCEDE DE COMMANDE DUDIT SYSTEME

(71) PUMPKIN HOUSE INCORPORATED [JP/JP]; Kyoritsu Kojimachi Building 101, 5, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

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(72, 75) SASAKI, Minoru [JP/JP]; c/o Pumpkin House incorporated, Kyoritsu Kojimachi Building 101, 5, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(74) USHIKU, Kenji et al. / etc.; Shimbashi Frontier Building, 7th Floor, 4-5, Shimbashi 3-chome, Minato-ku, Tokyo 105-0004 (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 H04L 9/08, G11B 20/10, G06F 12/14

(11) WO 02/087147 (13) A1

(21) PCT/JP02/03804

(22) 17 Apr/avr 2002 (17.04.2002)

(25) ja (26) ja

(30) 2001-120494 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD

- DISPOSITIF ET PROCEDE D'ENREGISTREMENT/DE REPRODUCTION D'INFORMATIONS

(71) SONY CORPORATION [JP/JP]; 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAUE, Takumi [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 6F, 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04L 9/32

(11) WO 02/087148 (13) A1

(21) PCT/IB02/00907

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 01810395.2 23 Apr/avr 2001 EP (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NON-TRANSFERABLE ANONYMOUS DIGITAL RECEIPTS

- RECUS NUMERIQUES ANONYMES NON TRANSMISSIBLES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAMENISCH, Jan [CH/CH]; Bahnhofstrasse 13, CH-8803 Rueschlikon (CH). VANHERREWEGHEN, Elsie, A. [BE/CH]; Sennhuettenstrasse 37, CH-8810 Horgen (CH).

(74) WILLIAMS, Julian, David; International Business Machines Corporation, Saemurstrasse 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).

Published / Publiée : (c)

(51)⁷ H04L 9/32, G09C 1/00, H04Q 7/38, G06F 15/00

(11) WO 02/087149 (13) A1

(21) PCT/JP02/03860

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-121567 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • TERMINAL COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION DE TERMINAUX

(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) YAMAMOTO, Masaaki [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). HIRAMATSU, Yoshiaki [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). WASHIO, Satoshi [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).

(74) KAWASAKI, Kenji; ASahi PATENT OFFICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) AU BR CA CN ID IN JP KR NO NZ PH PL 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 02/087150 (13) A1

(21) PCT/SE02/00737

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 20012029 25 Apr/avr 2001 NO (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR NON REPUDIATION USING CRYPTOGRAPHIC SIGNATURES IN SMALL DEVICES

• METHODE DE NON-REPUDIATION DANS LAQUELLE DES SIGNATURES CRYPTOGRAPHIQUES SONT UTILISEES DANS DES PETITS DISPOSITIFS

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) TÖNNESLAND, Sverre [NO/NO]; Etterstadstletta 76, N-0659 Oslo (NO). BJÖLSETH, Pål [NO/NO]; Skøyen Terrasse 28, N-0276 Oslo (NO).

(74) BOESTAD, Kajsa et al. / etc.; Ericsson AB, Patent Unit Internet Applications, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/32

(11) WO 02/087151 (13) A1

(21) PCT/SE02/00743

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 20012030 25 Apr/avr 2001 NO (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CRYPTOGRAPHIC SIGNING IN SMALL DEVICES

• SIGNATURE CRYPTOGRAPHIQUE DANS DES DISPOSITIFS DE PETITE TAILLE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-125 26 Stockholm (SE).

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(72, 75) TÖNNESLAND, Sverre [NO/NO]; Etterstadstletta 76, N-0659 Oslo (NO). BJÖLSETH, Pål [NO/NO]; Skøyen Terrasse 28, N-0276 Oslo (NO).

(74) BOESTAD, Kajsa; Ericsson AB, Patent Unit Internet Applications, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/32

(11) WO 02/087152 (13) A1

(21) PCT/US02/11955

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/284,536 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • UNIVERSAL, CUSTOMIZABLE SECURITY SYSTEM FOR COMPUTERS AND OTHER DEVICES

• SYSTEME DE SECURITE PERSONNALISABLE, UNIVERSEL, POUR ORDINATEURS ET AUTRES DISPOSITIFS

(71) CAVEO TECHNOLOGY, LLC [US/US]; 411 Massachusetts Avenue, Cambridge, MA 02139-4102 (US).

(72) EVANS, Thomas, P.; 23 Palmer Street, Watertown, MA 02472-2757 (US). LEE, David, W.; 343 Otis Street, West Newton, MA 02465-2533 (US). GREENWALD, Gail, C.; 23 Myopia Road, Winchester, MA 01890-3713 (US). VERPLAETSE, Christopher; 35 Skehan Street, Somerville, MA 02143-3737 (US).

(74) COLEMAN, Roy, J. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/00

(11) WO 02/087153 (13) A2

(21) PCT/CA02/00523

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 2,344,738 20 Apr/avr 2001 CA (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • REVENUE-OPTIMAL ADMISSION CONTROLLER WITH HARD QUALITY OF SERVICE GUARANTEES FOR DATA NETWORKS

• CONTROLEUR D'ADMISSION A REVENU OPTIMAL PRESENTANT UNE QUALITE FIXE DE GARANTIES DE SERVICE POUR DES RESEAUX DE DONNEES

(71) NEWMIC FOUNDATION [CA/CA]; 590-515 W. Hastings Street, Vancouver, British Columbia V6B 5K3 (CA).

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(72, 75) MANNING, Eric, G. [CA/CA]; 2909 Phyllis Street, Victoria, British Columbia V8N 1Y8 (CA). WATSON, Robert, Kristian [CA/CA]; 301-9344 Cameron Street, Burnaby, British Columbia V3J 1L9 (CA). KHAN, Shahadat [CA/CA]; 500-100 Park Royal, West Vancouver, British Columbia V7T 1A2 (CA). AKBAR, Mostofa [CA/CA]; 590-515 West Hasting Street, Vancouver, British Columbia V6B 5K3 (CA).

(74) FASKEN MARTINEAU DUMOULIN LLP; Box 20, Suite 4200, Toronto-Dominion centre, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1N6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 12/00
- (11) WO 02/087154 (13) A2
- (21) PCT/US02/12459
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,571 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ROUTER TOPOLOGY HAVING N ON 1 REDUNDANCY
- TOPOLOGIE D'UN ROUTEUR PRESENTANT UNE REDONDANCE N SUR 1
- (71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13265 Technology Drive, Eden Prairie, MN 55344-2252 (US).
- (72) MEYER, Charles, S.; 12806 Pasquale Road, Nevada City, CA 95959 (US). LYDON, Donald, S.; 11625 Forest View Drive, Nevada City, CA 95959 (US). HUDELSON, Robert, W.; 18922 Perimeter Road, Grass Valley, CA 95949 (US).
- (74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/14
- (11) WO 02/087155 (13) A1
- (21) PCT/US02/12842
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 09/841,700 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR COMPUTER SECURITY USING MULTIPLE CAGES
- SYSTEME ET PROCEDE PERMETTANT D'ASSURER LA SECURITE INFORMATIQUE AU MOYEN DE PLUSIEURS CAGES
- (71) RECOURSE TECHNOLOGIES, INC. [US/US]; 1600 Seaport Blvd., Suite 400, Redwood City, CA 94063 (US).
- (72) SORKIN, Stephen; 810 Coleman Ave. #16, Menlo Park, CA 94025 (US). LYLE, Michael; 2844 Buena Knoll Court, San Jose, CA 95121 (US). ROSS, Robert, F.; 151 Calderon #334, Mountain View, CA 94041 (US). MARICONDO, James, R.; 872 Ames Court, Palo Alto, CA 94303 (US).
- (74) YI, Susan, C.; Van Pelt & Yi, LLP, 4906 El Camino Real, Suite 205, Los Altos, CA 94022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H04L 12/18
- (11) WO 02/087156 (13) A2
- (21) PCT/GB02/00383
- (22) 28 Jan/jan 2002 (28.01.2002)
- (25) en (26) en
- (30) 09/839,079 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • EFFICIENT PROCESSING OF MULTICAST TRANSMISSIONS
- TRAITEMENT EFFICACE DE TRANSMISSIONS MULTIDIFFUSION
- (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) BASSO, Claude; 7604 Percy Court, Raleigh, NC 27613 (US). CALVIGNAC, Jean, Louis; 112 Spring Hollow Lane, Cary, NC 27511 (US). HEDDES, Marco; 108 Saint Lenville Drive, Cary, NC 27511 (US). LOGAN, Joseph, Franklin; 4005 Westwood Place, Raleigh, NC 27613 (US). VERPLANKEN, Fabrice, Jean; 9152, route de Cagnes, F-06610 La Gaude (FR).
- (74) FOURNIER, Kevin, John; 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).
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- (51)⁷ H04L 12/24, 29/06
- (11) WO 02/087157 (13) A1
- (21) PCT/US02/12162
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 60/285,188 20 Apr/avr 2001 US (20.04.2001)
- (30) 60/285,153 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GRAPHICAL USER INTERFACE FOR A TRANSPORT MULTIPLEXER
- INTERFACE GRAPHIQUE DESTINEE A UN MULTIPLEXEUR DE TRANSPORT
- (71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horscham, Pennsylvania 19044 (US).
- (72) MEANDZIJA, Branislav, N.; 716 Avocado Place, Del Mar, CA 92014 (US). HEWETT, Jeff, E.; 8210 Royal Gorge Drive, San Diego, CA 92119 (US). TSAY, Ying-Ying; 10648 Gracewood Place, San Diego, CA 92130 (US).
- (74) LIPSITZ, Barry, R.; Law Offices of Barry R. Lipsitz, 755 Main Street, Building No. 8, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 12/24, 29/06
- (11) WO 02/087158 (13) A2
- (21) PCT/US02/12163
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 60/285,188 20 Apr/avr 2001 US (20.04.2001)
- (30) 60/285,153 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • TRANSPORT MULTIPLEXER MANAGEMENT AND CONTROL
- GESTION ET COMMANDE DE MULTIPLEXEUR DE TRANSPORT

- (71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, Pennsylvania 19044 (US).
- (72) MEANDZIJA, Branislav, N.; 716 Avocado Place, Del Mar, CA 92014 (US). HEWETT, Jeff, E.; 8210 Royal Gorge Drive, San Diego, CA 92119 (US). WU, Guofei; 10644 Hunters Glen Drive, San Diego, CA 92130 (US). YOUNG, Yuan-Yuan; 5199 Seashell Place, San Diego 92130 (US). TSAY, Ying-Ying; 10648 Gracewood Place, San Diego, CA 92130 (US).
- (74) LIPSITZ, Barry, R.; Law Offices of Barry R. Lipsitz, 755 Main Street, Building No. 8, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/24
- (11) WO 02/087159 (13) A1
- (21) PCT/US02/12164
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) 60/285,188 20 Apr/avr 2001 US (20.04.2001)
- (30) 60/285,153 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • REAL-TIME DISPLAY OF BANDWIDTH UTILIZATION IN A TRANSPORT MULTIPLEXER
- UTILISATION DE L'AFFICHAGE EN TEMPS REEL DE LA BANDE PAS-SANTE DANS UN MULTIPLEXEUR DE TRANSPORT
- (71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
- (72) MEANDZIJA, Branislav, N.; 716 Avocado Place, Del Mar, CA 92014 (US). TSAY, Ying-Ying; 10648 Gracewood Place, San Diego, CA 92130 (US).
- (74) LIPSITZ, Barry, R.; Law offices of Barry R. Lipsitz, 755 Main Street, Building No. 8, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 12/28
- (11) WO 02/087161 (13) A1
- (21) PCT/US02/12164
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) de (26) de
- (30) 101 20 772.7 24 Apr/avr 2001 DE (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HETEROGENEOUS MOBILE RADIO SYSTEM
- SYSTEME RADIO MOBILE HETEROGENE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAHN, Wolfgang [DE/DE]; Lindentallee 11, 16562 Bergfelde (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Wittelsbacherplatz 2, 80333 München (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : CN JP KR EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
- (u) for / pour US only / seulement
-
- (51)⁷ H04L 12/28, 29/06
- (11) WO 02/087161 (13) A1
- (21) PCT/EP01/04519
- (22) 20 Apr/avr 2001 (20.04.2001)
- (25) de (26) de
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND SYSTEM FOR DATA TRANSMISSION COMPRISING A SERVER STATION
- PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES A L'AIDE D'UN POSTE SERVEUR
- (71) 2K'SYSTEMS HANDELS GMBH [AT/AT]; Lemböckgasse 49/2/E5, A-1230 Wien (AT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KARPF, Karl [AT/AT]; Wendling 14, A-5232 Kirchberg bei Mattighofen (AT). SCHINWALD, Martin [AT/AT]; Hans-Berghammersiedlung 26, A-5230 Mattighofen (AT). HERSTUS, Michal [CZ/CZ]; Krale Jiriho 218, CZ-28201 Cesky Brod (CZ). CADA, Ondrej [CZ/CZ]; Pernerova 61, CZ-18000 Praha 8 (CZ).
- (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).
-
- (51)⁷ H04L 12/28
- (11) WO 02/087162 (13) A2
- (21) PCT/EP02/03877
- (22) 8 Apr/avr 2002 (08.04.2002)
- (25) en (26) en
- (30) 01109980.1 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR THE CONTROL OF NETWORK DEVICES CONNECTED VIA A BUS SYSTEM
- PROCEDE DE COMMANDE DE DISPOSITIFS RESEAU CONNECTES PAR L'INTERMEDIAIRE D'UN SYSTEME DE BUS
- (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) HÜTTER, Ingo [DE/DE]; Karl-Simrock-Weg 15, 30982 Pattensen (DE). BRUNE, Thomas [DE/DE]; Konkordiastr. 15, 30449 Hannover (DE).
- (74) HARTNACK, Wolfgang; 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 12/28
- (11) WO 02/087163 (13) A2
- (21) PCT/EP02/04421
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) de (26) de
- (30) 101 20 975.7 24 Apr/avr 2001 DE (24.04.2001)
- (30) 01109950.4 24 Apr/avr 2001 EP (24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR ACCESSING STATIONS ONTO A COMMON TRANSFER MEDIUM AND NETWORK STATION FOR CARRYING OUT SAID METHOD
- PROCEDE PERMETTANT L'ACCES A DES STATIONS AU MOYEN D'UN SUPPORT DE TRANSMISSION COMMUN ET STATION DE RESEAU PERMETTANT L'APPLICATION DUDIT PROCEDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BING, Torsten [DE/DE]; Schmalkaldener Strasse 23, 80807 München (DE). BOLINTH, Edgar [DE/DE]; Rheindahlener Strasse 88, 41189 Mönchengladbach (DE). KADELKA, Arndt [DE/DE]; Zeppelinstrasse 52, 52068 Aachen (DE). KRÄMLING, Andreas [DE/DE]; Josef-Ponten-Strasse 91, 52072 Aachen (DE). LOTT, Matthias [DE/DE]; Springerstrasse 9, 81477 München (DE). SCHULZ, Egon [DE/DE]; Wittenberger Strasse 3, 80993 München (DE). WEGMANN, Bernhard [DE/DE]; Wallbergstrasse 15, 83607 Holzkirchen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR 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 H04L 12/28

(11) WO 02/087164 (13) A1

(21) PCT/FR02/01383

(22) 23 Apr/avr 2002 (23.04.2002)

(25) fr (26) fr

(30) 01/05487 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR CONNECTING A REMOTE USER WITH A HOME SERVER

• DISPOSITIF ET PROCÉDE DE MISE EN RELATION D'UN UTILISATEUR ELOIGNE AVEC UN SERVEUR DOMESTIQUE

(71) FRANCE TELECOM [FR/FR]; 6 Place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNARD, Delphine [FR/FR]; 2 rue Petit Forlac'h, F-22300 Lannion (FR). BILLON, Gilbert [FR/FR]; 11 rue des 7 Tournants, F-22300 Lannion (FR). DANET, Pierre-Yves [FR/FR]; 16 route de Kernu, F-22700 Lannion (FR).

(74) DU BOISBAUDRY, Dominique; c/o BREVALEX, 3 rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 12/28

(11) WO 02/087165 (13) A1

(21) PCT/JP02/03867

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-121517 19 Apr/avr 2001 JP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR CONNECTING APPARATUSES USING RADIO LINK, METHOD FOR CREATING USABLE SCENE TABLE FOR APPARATUS CONNECTION, AND RECORDING MEDIUM

• APPAREIL ET PROCÉDE PERMETTANT DE CONNECTER DES APPAREILS A LIAISON RADIOELECTRIQUE, PROCÉDE PERMETTANT DE CREEER UN TABLEAU DE SITUATIONS EXPLOITABLES POUR UNE CONNEXION D'APPAREILS, ET SUPPORT DE DONNEES

(71) SUGIMURA, Masaki [JP/JP]; 6-18, Susukino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MUROYA, Hideki [JP/JP]; 20-2, Uehara 2-chome, Shibuya-ku, Tokyo 151-0064 (JP).

(72, 75) NISHI, Yasuharu [JP/JP]; 7-2-409, Nishi Azabu 1-chome, Minato-ku, Tokyo 106-0031 (JP).

(74) OHKI, Kenichi; OHKI PATENT OFFICE, 15-1-205, Yushima 2-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 12/28

(11) WO 02/087166 (13) A1

(21) PCT/KR02/00429

(22) 12 Mar/mar 2002 (12.03.2002)

(25) ko (26) en

(30) 2001/12773 12 Mar/mar 2001 KR (12.03.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • LOCAL AREA NETWORK SYSTEM USING MASTER ANTENNA TELEVISION NETWORK

• SYSTEME DE RESEAU LOCAL FAISANT APPEL A UN RESEAU DE TELEVISION A ANTENNE-MERE

(71) DEXTER COMUNICACIONES, INC. [KR/KR]; 2F Shinsung B/D 404-1, Backhyun-Dong, Bundang-Gu, Sungnam City, Gyunggi-do 463-420 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Sin-Yul [KR/KR]; No.2-306 Simwoo Yeonlib, #342, Seryu-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-110 (KR). PARK, Kyung-Keon [KR/KR]; No.1-105 Kongwoo Apt., #334-5, Yeonghwa-dong, Jangan-gu, Suwon-si, Kyeonggi-do 440-819 (KR). CHOI, Dong-Hee [KR/KR]; No.201, #456-10, Homaesil-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-884 (KR).

(74) CHO, Jin-Su et al. / etc.; Byukcheon B/D. 4F, 1597-5, Seocho-dong, Seocho-ku, Seoul 137-876 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 12/28, B07C 3/12, G06F 17/60, 3/023

(11) WO 02/087167 (13) A1

(21) PCT/RU02/00194

(22) 24 Apr/avr 2002 (24.04.2002)

(25) ru (26) ru

(30) 2001222082 25 Apr/avr 2001 RU (25.04.2001)

(30) 2001115025 5 Jun/juin 2001 RU (05.06.2001)

(30) 2001120087 20 Jul/juil 2001 RU (20.07.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POSTAL DEVICE PROVIDED WITH A MULTI-FUNCTIONAL KEYBOARD

• MACHINES POSTALES AUTOMATIQUES A CLAVIER MULTIFONCTIONNEL

(71, 72) KHALIDOV, Hamid Yusupovich [RU/RU]; Otkrytoe shosse, 5-3-45, Moscow, 107370 (RU). KHALIDOV, Ullubiy Hamidovich [RU/RU]; Otkrytoe shosse, 5-3-45, Moscow, 107370 (RU).

(74) KHALIDOV, Hamid Yusupovich; Otkrytoe shosse, 5-3-45, Moscow, 107370 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04L 12/28, H04Q 7/30

(11) WO 02/087168 (13) A2

(21) PCT/US02/11721

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/284,672 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • WIRELESS MESH NETWORK AND
NETWORK NODE

• RESEAU MAILLE SANS FIL ET
NOEUD DE RESEAU

(71) SKYPILOT NETWORK, INC. [US/US];
1301 Shoreway Road, Suite 211, Belmont,
CA 94002-4106 (US).

(72) SPARR, Robert, H.; 220 Linfield Drive
#1, Menlo Park, CA 94025 (US). OLSEN,
William, G.; 9825 Cougar Drive, Bozeman,
MT 59718 (US). HAMMEL, Thomas; 207
Prospect Avenue, San Francisco, CA 94110
(US). BRADLEY, Kirk, Alton; 232 Willow
Road, Menlo Park, CA 94025 (US). RICH,
Mark, J.; 160 Santa Margarita, Menlo
Park, CA 94025 (US). FRANCESCHINI,
Michael, R.; 29 Harbor Circle, Centerport,
NY 11721-1654 (US). MERENDA, Joseph,
T.; 57 Burr Avenue, Northport, NY 11768
(US).

(74) PATTERSON, William, B.; Moser, Patter-
son & Sheridan LLP, 3040 Post Oak Blvd.,
Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 12/28, 12/56

(11) WO 02/087169 (13) A2

(21) PCT/US02/12191

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/837,151 18 Apr/avr 2001 US
(18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISTRIBUTED INFRASTRUCTURE
FOR WIRELESS DATA COMMUNICA-
TIONS

• INFRASTRUCTURE DISTRIBUEE
POUR RADIOCOMMUNICATIONS IN-
FORMATIQUES

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121-1714 (US).

(72) BENDER, Paul, E.; 2879 Angell Av-
enue, San Diego, CA 92122 (US). GROB,

Matthew, S.; 2757 Bordeaux Avenue, La
Jolla, CA 92037 (US). KIMBALL, Robert,
H.; 3574 Argonne Street, San Diego, CA
92117 (US). KARMI, Gadi; 545 North
Granados Avenue, Solana Beach, CA 92075
(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 H04L 12/28, 12/56

(11) WO 02/087170 (13) A1

(21) PCT/US02/12213

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/842,559 25 Apr/avr 2001 US
(25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ETHERNET BASED TDM SWITCH
• AUTOCOMMUTATEUR TEMPOREL
BASE SUR ETHERNET

(71) OCCAM NETWORKS [US/US]; 4183
State Street, Santa Barbara, CA 93110 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUMER, Mark [US/US]; 471 Mountain
Drive, Santa Barbara, CA 93103 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely,
Sokoloff, Taylor & Zafman LLP, 12400
Wilshire Blvd, 7th Floor, Los Angeles, CA
90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04L 12/28, 12/56, H04J 3/16

(11) WO 02/087171 (13) A1

(21) PCT/US02/12412

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 09/839,300 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR EX-
TENDING PRIVATE NETWORKS
ONTO PUBLIC INFRASTRUCTURE
USING SUPERNETS

• SYSTEME ET PROCEDE POUR
ETENDRE DES RESEAUX PRIVES A
UNE INFRASTRUCTURE PUBLIQUE
AU MOYEN DE SUPERRESEAUX

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, 95054
(US).

(72) LIU, Yuefeng; 621 Escondido Road, Rm.
430, Standford, CA 94305 (US).

(74) GARRETT, ARTHUR, S. et al. / etc.;
Finnegan, Henderson, Farabow, Garrett &
Dunner, L.L.P., 1300 I Street, N.W., Washin-
gton, 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).

Published / Publiée : (c)

(51)⁷ H04L 12/28

(11) WO 02/087172 (13) A1

(21) PCT/US02/12519

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 60/285,165 20 Apr/avr 2001 US
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROTOCOL AND STRUCTURE FOR
SELF-ORGANIZING NETWORK

• PROTOCOLE ET STRUCTURE POUR
RESEAU AUTO-ORGANISE

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).

(72) MAEDA, Masahiro; 4-6-18-401 Ogikubo,
Suginami-ku, Tokyo 167-0051 (JP). BOUR-
GEOIS, Monique; 729 N.W. 91st Terrace,
Plantation, FL 33324 (US). CALLAWAY,
Edgar, H., Jr.; 11524 Clear Place, Boca Ra-
ton, FL 33428 (US). CHEN, Priscilla; 7661
N.W. 42nd Place, #274, Sunrise, FL 33351
(US). HUANG, Jian; 431 N.W. 118th Way,
Coral Springs, FL 33071 (US). HUANG,
Yan; 9664 N.W. 7th Circle, #1224, Planta-
tion, FL 33324 (US). SHI, Qicai; 5462 N.W.
122 Drive, Coral Springs, FL 33076 (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 : (c)

(51)⁷ H04L 12/403

(11) WO 02/087173 (13) A1

(21) PCT/EP02/03848

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 09/840,241 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SIGNALING FREE, SELF LEARNING SCATTERNET SCHEDULING USING CHECKPOINTS

• REPARTITION SUR ENSEMBLE DE PICONETS (SCATTERNET) A AUTO-APPRENTISSAGE, SANS SIGNALISATION, FAISANT INTERVENIR DES POINTS DE CONTROLE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; SE-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RÁCZ, András [HU/HU]; Lónyay 19, H-1093 Budapest (HU). MIKLÓS, György [HU/HU]; Erzsébet u.29.fsz.1, H-1045 Budapest (HU). VALKÓ, András [HU/HU]; Ujocsa u. 11, H-1126 Budapest (HU). KUBINSZKY, Ferenc [HU/HU]; Széchenyi István tér 4, H-2000 Szentendre (HU).

(74) HOFMAN-BANG ZACCO A/S et al. / etc.; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 12/56, H04Q 11/04, H04L 29/06

(11) WO 02/087174 (13) A1

(21) PCT/FR02/01356

(22) 19 Apr/avr 2002 (19.04.2002)

(25) fr (26) fr

(30) 01/05509 24 Apr/avr 2001 FR (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR MANAGING A LIST OF PACKETS IN AN OUTPUT PORT OF A PACKET SWITCH

• PROCEDE DE GESTION D'UNE LISTE DE PAQUETS DANS UN PORT DE SORTIE D'UN COMMUTATEUR DE PAQUETS.

(71) THALES [FR/FR]; 173, Boulevard Haussmann, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOGE, Alain [FR/FR]; Thales Intellectual Property, 13 av. du Prés. Salvador Allende, F-94117 Arcueil cedex (FR).

(74) BEYLOT, Jacques et al. / etc.; Thales Intellectual Property, 13 av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(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)

Declaration / Déclaration :

(i) for the following designations / pour les désignations suivantes : BR CA EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LUMC NL PT SE TR)

(51)⁷ H04L 12/56

(11) WO 02/087175 (13) A1

(21) PCT/JP01/03343

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • RESTORATION/PROTECTION METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE RESTAURATION/PROTECTION

(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) DOUKAI, Masami [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP US.

(51)⁷ H04L 12/56

(11) WO 02/087176 (13) A2

(21) PCT/US02/11722

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 60/284,678 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NETWORK CHANNEL ACCESS PROTOCOL - INTERFERENCE AND LOAD ADAPTIVE

• PROTOCOLE D'ACCES AUX VOIES D'UN RESEAU A ADAPTATION DES INTERFERENCES ET DES CHARGES

(71) SKYPILOT NETWORK, INC. [US/US]; 1301 Shoreway Road, Suite 211, Belmont, CA 94002-4106 (US).

(72) HAMMEL, Thomas; 207 Prospect Avenue, San Francisco, CA 94110 (US). BRADLEY, Kirk, Alton; 232 Willow Road, Menlo Park, CA 94025 (US). RICH, Mark, J.; 160 Santa Margarita, Menlo Park, CA 94025 (US).

(74) PATTERSON, William, B.; Moser, Patterson & Sheridan LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 12/58

(11) WO 02/087177 (13) A1

(21) PCT/CA02/00561

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109808.6 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATION

(71, 72) GROSS, Daniel [AT/CA]; 281 Hillhurst Boulevard, Toronto, Ontario M6B 1M0 (CA). GROSS, Erwin [AT/GB]; 7 Arcade House, Finchley Road, London NW11 7TL (GB).

(74) GIERCZAK, Eugene, J., A.; c/o Keyser Mason Ball, LLP, Suite 701, 201 City Centre Drive, Mississauga, Ontario L5B 2T4 (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).

(51)⁷ H04L 12/66

(11) WO 02/087178 (13) A1

(21) PCT/US02/12589

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,425 24 Apr/avr 2001 US (24.04.2001)

(30) 09/841,135 24 Apr/avr 2001 US (24.04.2001)

- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR TRANSMISSION OF INFORMATION BETWEEN LOCATIONS ON A COMPUTER NETWORK
- SYSTEME ET PROCEDE DE TRANSMISSION D'INFORMATIONS ENTRE EMPLACEMENTS SUR UN RESEAU INFORMATIQUE
- (71) ATITANIA LTD. [US/US]; Suite 1660, 12221 Merit Drive, Dallas, TX 75251-2251 (US).
- (72) PETERSON, Diane, L.; P.O. Box 1524, Addison, TX 76001 (US).
- (74) HOWISON, Gregory, M. et al. / etc.; Howison, Thoma & 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 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 H04L 25/00
- (11) WO 02/087179 (13) A2
- (21) PCT/US01/23217
- (22) 24 Jul/juil 2001 (24.07.2001)
- (25) en (26) en
- (30) 09/836,281 18 Apr/avr 2001 US (18.04.2001)
- (30) 09/899,852 9 Jul/juil 2001 US (09.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RELIABLE SYMBOLS AS A MEANS OF IMPROVING THE PERFORMANCE OF INFORMATION TRANSMISSION SYSTEMS
- SYMBOLES FIABLES UTILISABLES POUR AMELIORER LE RENDEMENT DE SYSTEMES DE TRANSMISSION D'INFORMATION
- (71) VERTICALBAND LIMITED [GB/GB]; Mimet House, 5a Praed Street, London W2 1NJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIESS, Eilon [IL/GB]; 45a Frognaal, London NW3 6YA (GB). TURNER, Lawrence [GB/GB]; The Croft, 4 Barrells Down Road, Bishop's Stortford, Herts CM23 2SU (GB). SABEL, Les [AU/GB]; 21 Alvescot Road, Old Walcot, Swindon, Wiltshire SN3 1B1 (GB). SCHWARTZ, Stuart [US/US]; 4 Evelyn Place, Princeton, NJ 08540 (US).
- (74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 25/03
- (11) WO 02/087180 (13) A1
- (21) PCT/IB02/01294
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/840,204 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND METHOD FOR DECISION FEEDBACK SEQUENCE ESTIMATION FOR REDUCTION OF ERROR PROPAGATION IN A DECISION FEEDBACK EQUALIZER
- APPAREIL ET PROCEDE D'ESTIMATION DE SEQUENCES DE DECISIONS RETROACTIVES SERVANT A REDUIRE LA PROPAGATION D'ERREURS DANS UN EGALISEUR A DECISION RETROACTIVE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) GHOSH, Monisha; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KELLIHER, Patrick, D.; 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 H04L 25/03, 1/00
- (11) WO 02/087181 (13) A1
- (21) PCT/IB02/01304
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 09/840,218 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • GENERATION OF DECISION FEEDBACK EQUALIZER DATA USING TRELLIS DECODER TRACEBACK OUTPUT IN AN ATSC HDTV RECEIVER
- GENERATION DE DONNEES D'EGALISEUR A DECISION RETROACTIVE UTILISANT UNE SORTIE DE RETRACAGE D'UN DECODEUR EN TREILLIS DANS UN RECEPTEUR DE TELEVISION A HAUTE DEFINITION ATSC
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WITTIG, Karl, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BIRRU, Dagnachew; 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 H04L 25/03, 27/26
- (11) WO 02/087182 (13) A1
- (21) PCT/IB02/01456
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/840,203 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A HYBRID FREQUENCY-TIME DOMAIN EQUALIZER
- EGALISEUR DU DOMAINE FREQUENCE-TEMPS HYBRIDE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) BIRRU, Dagnachew; 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 H04L 25/06, 25/03
- (11) WO 02/087183 (13) A1
- (21) PCT/US01/23221
- (22) 24 Jul/juil 2001 (24.07.2001)
- (25) en (26) en
- (30) 09/836,281 18 Apr/avr 2001 US (18.04.2001)
- (30) 09/899,843 9 Jul/juil 2001 US (09.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • BLIND EQUALIZATION USING RELIABLE SYMBOLS
- EGALISATION A L'AVEUGLE AU MOYEN DE SYMBOLES FIABLES
- (71) VERTICALBAND LIMITED [GB/GB]; Mimet House, 5a Praed Street, London W2 1NJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIESS, Eilon [IL/GB]; 45a Frognaal, London NW3 6YA (GB). TURNER, Lawrence [GB/GB]; The Croft, 4 Barrells Down Road, Bishop's Stortford, Herts CM23 2SU (GB). SCHWARTZ, Stuart [US/US]; 4 Evelyn Place, Princeton, NJ 08540 (US).
- (74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM 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 H04L 27/00, 1/00

(11) WO 02/087184 (13) A1

(21) PCT/EP02/04186

(22) 15 Apr/avr 2002 (15.04.2002)

(25) en (26) en

(30) 09/840,399 23 Apr/avr 2001 US
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD, APPARATUS AND SYSTEM
FOR SYNCHRONIZATION IN RADIO
COMMUNICATION SYSTEMS

• PROCEDE, APPAREIL ET SYSTEME
POUR LA SYNCHRONISATION DANS
DES SYSTEMES DE COMMUNICA-
TION RADIO

- (71) TELEFONAKTIEBOLAGET LM ERIC-
SSON_(PUBL) [SE/SE]; S-126 25 Stock-
holm (SE).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) HAARTSEN, Jacobus [NL/NL];
Bruchterweg 81, NL-7772 BG Harden-
berg (NL).

- (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
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR 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 H04L 27/00

(11) WO 02/087185 (13) A2

(21) PCT/IB02/02341

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 09/839,810 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND APPARATUS FOR
GENERATING PULSES USING DY-
NAMIC TRANSFER FUNCTION
CHARACTERISTICS

• PROCEDE ET APPAREIL PERMET-
TANT DE GENERER DES IMPUL-
SIONS AU MOYEN DE CARACTERIS-
TIQUES DE FONCTION DE TRANS-
FERT DYNAMIQUE

- (71) THE NATIONAL UNIVERSITY OF SIN-
GAPORE [SG/SG]; 10 Kent Ridge Crescent,
Singapore 119260 (SG).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) LOW, Kay, Soon [SG/SG]; 20 Science
Park Road, #02-04/05, TeleTech Park, Singa-
pore Science Park II, Singapore 117674 (SG).
JOE, Jurianto [ID/SG]; 20 Science Park
Road, #02-04/05, TeleTech Park, Singapore
Science Park II, Singapore 117674 (SG).

- (74) KAZI, Ilya et al. / etc.; Mathys & Squire,
100 Grays Inn Road, London WC1X 8AL
(GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ 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 H04L 27/26, 5/14, 25/03

(11) WO 02/087186 (13) A2

(21) PCT/US02/12857

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,904 23 Apr/avr 2001 US
(23.04.2001)

(30) 10/024,641 17 Dec/déc 2001 US
(17.12.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • CHANNEL CHARACTERIZATION
AND RATE SELECTION IN DSL SYS-
TEMS

• CHARACTERISATION DE CANAL ET
SELECTION DE DEBIT DANS DES
SYSTEMES DSL

- (71) CENTILLIUM COMMUNICATIONS,
INC. [US/US]; 47211 Lakeview Boulevard,
Fremont, CA 94538 (US).

- (72) RASHID-FARROKHI, Farrokh; 5712
Owens Drive, Apt. 208, Pleasanton, CA
94588 (US). WANG, Cindy, C.; 39721
Potrero Drive, Newark, CA 94560 (US).
BLACKWELL, Steven, R.; 1733 Blake
Bottom Road, Huntsville, AL 35806 (US).

- (74) MALONEY, Neil, F. et al. / etc.; Fenwick &
West LLP, Two Palo Alto Square, Palo Alto,
CA 94306 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG 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 H04L 29/00

(11) WO 02/087187 (13) A2

(21) PCT/US02/12338

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/839,040 19 Apr/avr 2001 US
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • WIRELESS DATA DELIVERY

• LIVRAISON DE DONNEES SANS FIL

- (71) INFORMATICA CORPORATION
[US/US]; 3350 West Bayshore, Palo Alto,
CA 94303 (US).

- (72) NESAMONEY, Diaz; 238 Alameda de
las Pulgas, Atherton, CA 94027 (US).
MARKARIAN, James; 1442 6th Avenue,
Belmont, CA 94002 (US).

- (74) GALLENSON, Mavis, S. et al. / etc.; Ladas
& Parry, 5670 Wilshire Boulevard, Suite
2100, Los Angeles, CA 90036 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ 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 H04L 29/06

(11) WO 02/087188 (13) A1

(21) PCT/EP01/04474

(22) 19 Apr/avr 2001 (19.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND SYSTEM FOR PRI-
VACY PREFERENCES MANAGEMENT
USING A SYNCHRONISATION PRO-
TOCOL

• PROCEDE ET SYSTEME DE GESTION
DE PREFERENCES DE CONFIDEN-
TIALITE FAISANT APPEL A UN PRO-
TOCOLE DE SYNCHRONISATION

- (71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).

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les États désignés sauf US)

- (72, 75) MULLIGAN, Michael [IE/FI];
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(FI).

- (74) LESON, Thomas, Johannes, Al; Tiedtke-
Bühling-Kinne, Bavariaring 4, 80336 Munich
(DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG 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 29/06, 29/08

(11) WO 02/087189 (13) A1

(21) PCT/FR02/01209

(22) 8 Apr/avr 2002 (08.04.2002)

(25) fr (26) fr

(30) 01/05417 20 Apr/avr 2001 FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM FOR EMULATING A TER-
MINAL WHICH IS ADAPTED TO AC-
CESS A TELECOMMUNICATION NET-
WORK FROM A TERMINAL WHICH
IS INADAPTED TO SAID ACCESS

• SYSTEME D'EMULATION D'UN TER-
MINAL ADAPTE A L'ACCES A UN RE-
SEAU DE TELECOMMUNICATION A
PARTIR D'UN TERMINAL INADAPTE
A UN TEL ACCES

(71) FRANCE TELECOM SA [FR/FR]; 6, place
d'Alleray, F-75015 Paris (FR).

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(72, 75) LOUVEL, Bernard [FR/FR]; 10, rue
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MARTINIERE, Jean-Pierre [FR/FR]; 32,
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(74) MAILLET, Alain; Cabinet Le Guen & Mail-
let, 5, place Newquay, B.P. 70250, F-35802
Dinard Cedex (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 H04L 29/06

(11) WO 02/087190 (13) A1

(21) PCT/FR02/01337

(22) 18 Apr/avr 2002 (18.04.2002)

(25) fr (26) fr

(30) 01/05318 19 Apr/avr 2001 FR
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM OF CONDI-
TIONAL ACCESS TO IP SERVICES

• PROCEDE ET SYSTEME D'ACCES
CONDITIONNEL A DES SERVICES IP

(71) FRANCE TELECOM [FR/FR]; 6, place
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Lande (FR).

(74) DU BOISBAUDRY, Dominique; c/o
Brevalex, 3, rue du Docteur Lancereaux,
F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/087191 (13) A2

(21) PCT/FR02/01365

(22) 22 Apr/avr 2002 (22.04.2002)

(25) fr (26) fr

(30) 01/05464 23 Apr/avr 2001 FR
(23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR DY-
NAMIC DISTRIBUTION OF DATA
AND/OR SERVICES

• SYSTÈME ET PROCÉDÉ POUR LA
DISTRIBUTION DYNAMIQUE DE
DONNÉES ET/OU DE SERVICES

(71) INTOAN TECHNOLOGY [FR/FR]; 2, rue
du Chemin Vert, F-92110 Clichy (FR).

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les États désignés sauf US)

(72, 75) DUQUENNE, Jonathan [FR/FR]; 2, rue
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NAN, Fabrice [FR/FR]; 2, rue du Chemin
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(74) LEBOYER, Jean-Jacques; Cabinet
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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 H04L 29/06, 29/12, 12/24

(11) WO 02/087192 (13) A1

(21) PCT/GB02/01253

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 0110058.5 24 Apr/avr 2001 GB
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONFIGURATION OF LAN HOSTS

• CONFIGURATION D'HOTES DE RLE

(71) IP. ACCESS LTD [GB/GB]; Melbourn Sci-
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fordshire SG8 6EE (GB).

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(72, 75) PIERCY, Neil, Philip [GB/GB]; 61
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bans, Hertfordshire AL1 5DY (GB).

(74) PACITTI, Paolo; SCEPTRE, Scotland
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G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/087193 (13) A1

(21) PCT/GB02/01824

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 01303599.3 19 Apr/avr 2001 EP
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMMUNICATIONS NETWORK

• RÉSEAU DE COMMUNICATIONS

(71) BRITISH TELECOMMUNICATIONS
public limited company [GB/GB]; 81 New-
gate Street, London EC1A 7AJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUDKIN, Steven [GB/GB]; 52 Corder
Road, Ipswich, Suffolk IP4 2XD (GB).
RIZZO, Michael [MT/GB]; 12 Dewar Lane,
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(74) NASH, Roger, William; BT Group Legal
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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 H04L 29/08, G06F 17/30

(11) WO 02/087194 (13) A1

(21) PCT/IB02/02172

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 0109823.5 20 Apr/avr 2001 GB
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • POSITION LOCATION FOR WAP MOBILE ENTITY

• LOCALISATION D'UNE ENTITE MOBILE WAP

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) JENSEN, Joe [DK/DK]; Storkevej 25, 1, DK-7741 Frostrup (DK). ASTON DIVE, Robert [GB/GB]; 32A Wordsworth Road, West Sussex BN11 3NJ (GB). THE, Dao, Van [DK/DK]; Hobrovej 358, DK-9200 Aalborg SV (DK).

(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).

Published / Publiée : (c)

(51)⁷ H04M

(11) WO 02/087195 (13) A2

(21) PCT/FR02/01281

(22) 12 Apr/avr 2002 (12.04.2002)

(25) fr (26) fr

(30) 01/05783 20 Apr/avr 2001 FR
(20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR ALLOCATING PURCHASING BONUSES IN THE FORM OF FREE TELEPHONE

• PROCEDE D'ATTRIBUTION DE PRIMES A L'ACHAT SOUS FORME D'UNITES TELEPHONIQUE GRA-TUITES

(71, 72) SAINT-LUC, Thierry [FR/FR]; 2, impasse de la Gerbe d'Or, F-63800 Cournon d'Auvergne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, 1/725

(11) WO 02/087196 (13) A1

(21) PCT/JP01/03349

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PORTABLE TELEPHONE BATTERY PACK AND PORTABLE TELEPHONE EQUIPPED WITH THE BATTERY PACK

• BLOC-BATTERIE POUR TELEPHONE PORTABLE ET TELEPHONE PORTABLE EQUIPE DE CE BLOC-BATTERIE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(74) MIYATA, Kaneo et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) 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 H04M 1/64

(11) WO 02/087197 (13) A1

(21) PCT/NZ02/00065

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 511180 19 Apr/avr 2001 NZ
(19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CALL HANDLING SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE TRAITEMENT D'APPELS

(71) ZEACOM GROUP LIMITED [NZ/NZ]; 5 Carlton Gore Road, Grafton, Auckland 1003 (NZ).

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(72, 75) VALENTINE, Miles, Jefcoate [NZ/NZ]; 98 Coastes Road, Orakei, Howick 1704, 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 H04M 3/00

(11) WO 02/087198 (13) A2

(21) PCT/DE02/01213

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 20 070.6 24 Apr/avr 2001 DE
(24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE AND METHOD FOR MATCHING THE LINE PROPERTIES FOR HIGH BIT RATE DATA TRANSMISSIONS

• PROCEDE ET DISPOSITIF DESTINES A ADAPTER LES PROPRIETES DE LIGNE DANS LE CAS DE TRANSMISSIONS DE DONNEES A DEBIT BINAIRE ELEVE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) AHRNDT, Thomas [DE/DE]; Karl-Birzer-Strasse 2, 85521 Ottobrunn (DE). RUDOLF, Hans-Werner [DE/DE]; Wörthstrasse 13, 81667 München (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).

(51)⁷ H04M 3/38, H04Q 3/72

(11) WO 02/087199 (13) A1

(21) PCT/FI01/00392

(22) 24 Apr/avr 2001 (24.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND ARRANGEMENT FOR MANAGING INFORMATION IN A COMMUNICATION DEVICE

• PROCEDE ET DISPOSITIF PERMETTANT DE GERER LES INFORMATIONS DANS UN DISPOSITIF DE COMMUNICATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) STEPAN, Peter, Alexander [US/FI]; Helsinginkatu 2 aB 68, FIN-00500 Helsinki (FI). NIEMINEN-SUNDELL, Riitta [FI/FI]; Keiteleentie 1 D 34, FIN-00550 Helsinki (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H04M 3/42

(11) WO 02/087200 (13) A1

(21) PCT/CN02/00133

(22) 28 Feb/fév 2002 (28.02.2002)

(25) zh (26) zh

(30) 0117599.0 24 Apr/avr 2001 CN (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • A METHOD OF AUTOMATICALLY DETECT BUSY SIGNAL

• PROCEDE DE DETECTION AUTOMATIQUE D'UN SIGNAL OCCUPE

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

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(72, 75) **LI, Zhenhai** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.**; 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 H04M 3/493

(11) WO 02/087201 (13) A1

(21) PCT/GB02/01550

(22) 3 Apr/avr 2002 (03.04.2002)

(25) en (26) en

(30) 01303597.7 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VOICE RESPONSE SYSTEM

• SYSTEME DE REPOSE VOCALE

(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) **POPAY, Paul, Ian** [GB/GB]; 125 Whitby Road, Ipswich, Suffolk IP4 4AG (GB). **HARRISON, Micheal, Andrew** [GB/GB]; Veivlands, Norwich Road, Stonham Parva, Suffolk IP14 5JT (GB). **WATTON, Neil, Lewis** [GB/GB]; 55 Burrell Road, Ipswich, Suffolk IP2 8AH (GB).

(74) **WALLIN, Nicholas, James**; BT Group Legal Services, Intellectual Property Department, 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 H04M 3/493

(11) WO 02/087202 (13) A1

(21) PCT/GB02/01643

(22) 8 Apr/avr 2002 (08.04.2002)

(25) en (26) en

(30) 01303600.9 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • VOICE RESPONSE SYSTEM

• SYSTEME DE REPOSE VOCALE

(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) **HARRISON, Michael, Andrew** [GB/GB]; Viewlands, Norwich Road, Little Stonham, Suffolk IP14 5JT (GB). **POPAY, Paul, Ian** [GB/GB]; 125 Whitby Road, Ipswich, Suffolk IP4 4AG (GB). **WATTON, Neil, Lewis** [GB/GB]; 55 Burrell Road, Ipswich, Suffolk IP2 8AH (GB).

(74) **WALLIN, Nicholas, James**; BT Group Legal Services, Intellectual Property Department, Holborn Centre 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/523, 3/527

(11) WO 02/087203 (13) A1

(21) PCT/GB02/01777

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 01303601.7 19 Apr/avr 2001 EP (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CALL CENTRES

• CENTRES D'APPEL

(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) **WHITE, Paul, Anthony** [GB/GB]; 92 Corder Road, Ipswich, Suffolk IP4 2XB (GB).

(74) **SEMOS, Robert, Ernest, Vickers**; BT Group Legal Services, Intellectual Property Department, 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 H04M 3/56, H04Q 7/38 // H04M 1/275

(11) WO 02/087204 (13) A1

(21) PCT/FI01/00389

(22) 20 Apr/avr 2001 (20.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • CONFERENCE CALL SYSTEM

• SYSTEME DE TELECONFERENCE

(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) **KUN-SZABO, Zsolt** [HU/HU]; Ároktő u. 12, H-1172 Budapest (HU).

(74) **PATENT AGENCY COMPATENT LTD.**; Pitkäsillanranta 3 B, FIN-00530 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 H04M 3/56, H04B 1/38, H04Q 7/32

(11) WO 02/087205 (13) A1
(21) PCT/FI02/00327
(22) 19 Apr/avr 2002 (19.04.2002)
(25) en (26) en
(30) 20010806 19 Apr/avr 2001 FI (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • CONTROL OF A WIRELESS CONFERENCE TELEPHONE SYSTEM
• COMMANDE D'UN SYSTEME DE TELECONFERENCE SANS FIL

(71) BLUEGIGA TECHNOLOGIES OY [FI/FI]; Taivalmäki 11, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUKARAINEN, Jarkko [FI/FI]; Finnoontie 22 B 3, FIN-02280 Espoo (FI).

(74) HEINÄNEN OY; Annankatu 31-33 C, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 11/00

(11) WO 02/087206 (13) A2
(21) PCT/DE02/00715
(22) 27 Feb/fév 2002 (27.02.2002)
(25) de (26) de
(30) 101 19 793.4 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND CIRCUIT FOR ADAPTING THE IMPEDANCE OF AN ANALOG TELECOMMUNICATION CONNECTION
• PROCEDE ET CIRCUIT D'ADAPTATION D'IMPEDANCE D'UNE CONNEXION DE TELECOMMUNICATION ANALOGIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUNISCH, Paul [DE/DE]; Rotwandstrasse 16, 82178 Puchheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CN US.

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : BR CN
(u) for / pour US only / seulement

(51)⁷ H04M 11/00, 3/42, H04Q 7/38

(11) WO 02/087207 (13) A1
(21) PCT/JP02/02464
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ja (26) ja
(30) 2001-118933 18 Apr/avr 2001 JP (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)
(54) • SERVER AND MOBILE COMMUNICATION SYSTEM
• SERVEUR ET SYSTEME DE COMMUNICATION DE MOBILE

(71) PARADISE JAPAN LTD. [JP/JP]; 25-12, Utukushigaoka 5 chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKANASHI, Yutaka [JP/JP]; 25-12, Utukushigaoka 5 chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0002 (JP). SATO, Masahiro [JP/JP]; 3-25-206, Sakaecho 1 chome, Kodaira-shi, Tokyo 187-0034 (JP). ITSUJI, Tadashi [JP/JP]; 31-13, Nishihara 1 chome, Shibuya-ku, Tokyo 151-0066 (JP).

(74) KUBOTA, Naoki et al. / etc.; Shibutani kubota tokkyojimusyo, 3F, Shigyo-biru, 18-27, Chuo 1 chome, Ebina-shi, Kanagawa 243-0432 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 11/06

(11) WO 02/087208 (13) A2
(21) PCT/CA02/00562
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 60/285,230 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MODEM RELAY SYSTEM
• SYSTEME DE MODEM DE RELAIS

(71) GAO RESEARCH & CONSULTING LTD. [CA/CA]; 601 Milner Avenue, 3rd Floor, Toronto, Ontario M1B 1M8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, Xiongjun [CA/CA]; 14 Leeswood Crescent, Scarborough, Ontario M1S 2P3 (CA). WEI, Feng [CN/CA]; 23 Knockbolt

Crescent, Scarborough, Ontario M1S 2P5 (CA).

(74) FASKEN MARTINEAU DUMOULIN LLP; Toronto Dominion Bank Tower, Suite 4200, Toronto-Dominion Centre, P.O. Box 20, Toronto, Ontario M5K 1N6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 19/04

(11) WO 02/087209 (13) A2
(21) PCT/EP02/04502
(22) 24 Apr/avr 2002 (24.04.2002)
(25) en (26) en
(30) 01/05564 25 Apr/avr 2001 FR (25.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR SELECTING RING TONES IN REAL TIME ACCORDING TO THE CALLER'S NUMBER AND ASSOCIATED METHODS AND SYSTEMS
• DISPOSITIF DE SELECTION EN TEMPS REEL D'UN TYPE DE SONNERIE EN FONCTION DU NUMERO DE L'APPELANT, ET PROCEDES ET SYSTEMES ASSOCIES

(71) THOMSON MULTIMEDIA [FR/FR]; 46 Quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR). BARON, René-Louis [FR/FR]; Domaine de la Maison Blanche, F-45320 Saint-Hilaire Les Andresis (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEUNIER, Paul-Louis [FR/FR]; 23 avenue du Dr Netter, F-75012 PARIS (FR). KERBER, Thierry [FR/FR]; 26 rue Bezout, F-75014 Paris (FR).

(74) KERBER, Thierry; THOMSON multimedia, 46, quai Alphonse le Gallo, F-92648 Boulogne cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 designation / pour la désignation suivante : US

- (51)⁷ H04N
 (11) WO 02/087210 (13) A2
 (21) PCT/IB02/01257
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 09/839,321 20 Apr/avr 2001 US
 (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • METHOD AND APPARATUS FOR MOTION VECTOR ESTIMATION
 • PROCEDE ET APPAREIL D'ESTIMATION DE VECTEURS DE MOUVEMENT
 (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (72) BELLERS, Erwin, 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).

- (51)⁷ H04N
 (11) WO 02/087211 (13) A2
 (21) PCT/US02/12262
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 60/286,732 25 Apr/avr 2001 US
 (25.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • HARD DRIVE TEST FIXTURE
 • MONTAGE DE TEST POUR DISQUE DUR
 (71) PEMSTAR, INC. [US/US]; 2535 Highway 14 West, Rochester, MN 55901 (US).
 (72) WANEK, Donald, John; 1843 26th Street NW, Rochester, MN 55901 (US). SANDS, Richard, Lyle; 2521 4th Avenue NW, Rochester, MN 55901 (US).
 (74) TOLENTINO, Jonar, J. et al. / etc.; Dorsey & Whitney LLP, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).
 (81) CN JP SG.

- (51)⁷ H04N
 (11) WO 02/087212 (13) A2
 (21) PCT/US02/12438
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 60/285,392 20 Apr/avr 2001 US
 (20.04.2001)
 (30) 10/126,485 19 Apr/avr 2002 US
 (19.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SYSTEMS FOR SELECTIVELY ASSOCIATING CUES WITH STORED VIDEO FRAMES AND METHODS OF OPERATING THE SAME
 • SYSTEMES PERMETTANT D'ASSOCIER SELECTIVEMENT DES MARQUES A DES TRAMES VIDEO

- STOCKEES ET PROCEDES DE FONCTIONNEMENT DE CES SYSTEMES
 (71) FRANCE TELECOM RESEARCH AND DEVELOPMENT L.L.C. [US/US]; 1000 Marina Boulevard, Suite 300, Brisbane, CA 94005 (US).
 (72) BJORGAN, Stephen; 18 Buena Vista Terrace, San Francisco, CA 94117 (US). NOAKES, Robert; 115 Sand Wedge Place, Walnut Creek, CA 94598 (US).
 (74) MUNCK, William, A. et al. / etc.; Davis Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087213 (13) A2
 (21) PCT/US02/12577
 (22) 18 Apr/avr 2002 (18.04.2002)
 (25) en (26) en
 (30) 60/285,277 20 Apr/avr 2001 US
 (20.04.2001)
 (30) 10/125,130 17 Apr/avr 2002 US
 (17.04.2002)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SYSTEM AND METHOD FOR CAMERA SELECTION TALLYING FOR MULTIPLE CAMERA VIDEO PRODUCTION
 • SYSTEME ET PROCEDE DE VISUALISATION DE SELECTION DE CAMERA POUR LA VIDEO PRODUCTION A CAMERAS MULTIPLES
 (71) CREATION TECHNOLOGIES, LLC [US/US]; 1310 Commerce Street, Suite M, Petaluma, CA 94954 (US).

- (71, 72) DUDKOWSKI, Edmond, Louis [US/US]; 3020 Bridgeway, #279, Sausalito, CA 94965 (US).
 (74) DAVIS, Valerie, M. et al. / etc.; Coudert Brothers LLP, 600 Beach Street, Third Floor, San Francisco, CA 94109 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087214 (13) A2
 (21) PCT/US02/12641
 (22) 19 Apr/avr 2002 (19.04.2002)
 (25) en (26) en
 (30) 60/285,135 20 Apr/avr 2001 US
 (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DEMAND-BASED GOAL-DRIVEN SCHEDULING SYSTEM
 • SYSTEME DE PROGRAMMATION PAR OBJECTIF SUR DEMANDE
 (71) RADIO COMPUTING SERVICES, INC. [US/US]; 12 Water Street, White Plains, NY 10601 (US).
 (72) HICKEY, Richard, J.; 2172 White Birch Drive, Yorktown Heights, NY 10598 (US). WEBBER, William, W.; 514 Inverness Avenue, Ambler, PA 19002 (US).
 (74) MILDE, Karl, F. et al. / etc.; Milde & Hoffberg, LLP, Suite 460, 10 Bank Street, White Plains, NY 10601 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087215 (13) A2
 (21) PCT/US02/12794
 (22) 23 Apr/avr 2002 (23.04.2002)
 (25) en (26) en
 (30) 09/840,700 23 Apr/avr 2001 US
 (23.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • VIDEO NODE FOR FRAME SYNCHRONIZED MULTI-NODE VIDEO CAMERA ARRAY
 • NOEUD VIDEO POUR ENSEMBLE DE CAMERAS VIDEO MULTINOEUDS A SYNCHRONISATION DE TRAMES
 (71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).
 (72) BROEMMELSIEK, Raymond, M.; 9465 Maler Road, San Diego, CA 92129 (US). PEDERSEN, Chris, H., Jr.; 9621 Pebble Beach Drive, Santee, CA 92071 (US).
 (74) COMOGLIO, Rick, F. et al. / etc.; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04N

(11) WO 02/087216 (13) A2

(21) PCT/US02/12892

(22) 24 Apr/avr 2002 (24.04.2002)

(25) en (26) en

(30) 09/841,360 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND SYSTEM FOR PRESENTING A VIDEO STREAM OF A VIDEO STREAMING DEVICE

• PROCEDE ET SYSTEME DE PRESENTATION DE FLUX VIDEO D'UN DISPOSITIF DE TRANSMISSION VIDEO EN MODE CONTINU

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAMARA, Franc, J. [US/US]; 10411 176th Place N.E., Redmond, WA 98052 (US).

(74) WULFF, Richard, A. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087217 (13) A2

(21) PCT/US02/12918

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,878 23 Apr/avr 2001 US (23.04.2001)

(30) 10/128,539 22 Apr/avr 2002 US (22.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM FOR SENSING AND DISPLAYING LENS DATA FOR HIGH PERFORMANCE FILM AND VIDEO CAMERAS AND LENSES

• SYSTEME POUR DETECTER ET AFFICHER LES DONNEES DE LENTILLE

DESTINE AUX LENTILLES ET CAMERAS CINEMATOGRAPHIQUES ET VIDEO HAUTES PERFORMANCES

(71) PANAVISION, INC. [US/US]; 6219 De Soto Avenue, Woodland Hills, CA 91367 (US).

(72) SHORE, Morris; 19 Candy Hill Road, Sudbury, MA 01776 (US). BOWERS, Wynn; 2 Keyes House Road, Shrewsbury, MA 01545 (US). CATLIN, Vince, H.; 6738 Laramie Avenue, Winnetka, CA 91306 (US). NAVARRO, Felipe; 16622 Gunther Street, Granada Hills, CA 91344 (US). VER-PLAETSE, Christopher, J.; 35 Skehan Street No. 2, Somerville, MA 02143 (US).

(74) SOLUM, Conrad, R., Jr.; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (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 H04N

(11) WO 02/087218 (13) A2

(21) PCT/US02/13004

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 60/285,201 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • NAVIGABLE CAMERA ARRAY AND VIEWER THEREFORE

• ENSEMBLE DE CAMERAS MANIABLES ET INDICATEUR ASSOCIE

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, Princeton, NJ 08543-5300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KEWAZINGA CORP. [US/US]; 191 Post Road West, Westport, CT 06880 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOROKIN, Scott [US/US]; 75 West End Avenue, Suite P30A, New York, NY 10023 (US). WEBER, Andrew, H. [US/US]; 344 W. 72 Street, #108, New York, NY 10023 (US). WORLEY, David, C. [US/US]; 2 Kirsten Place, Weston, CT 06883 (US). GENDDEL, Gary [US/US]; 17 Dogwood Drive, Hillsborough, NJ 08844 (US). KEITH, J., Hanna [GB/US]; 212 John Street, Princeton, NJ 08542 (US). RAKESH, Kumar [IN/US]; 966 Ridge Road, Princeton, NJ 08540 (US). SUPUN, Samarasekera [LK/US]; 24 Blackstone Drive, Princeton, NJ 08540 (US).

(74) DIBERNARDO, Ian, G. et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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

(11) WO 02/087219 (13) A2

(21) PCT/US02/13053

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/285,817 23 Apr/avr 2001 US (23.04.2001)

(30) 60/286,911 27 Apr/avr 2001 US (27.04.2001)

(30) 02 1 06592.6 28 Feb/fév 2002 CN (28.02.2002)

(30) 60/368,646 29 Mar/mar 2002 US (29.03.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PROGRAM GUIDE ENHANCEMENTS
• AMELIORATIONS DE GUIDES DE PROGRAMMES

(71) SVID LLC [US/US]; 8900 Liberty Circle, Englewood, CO 80112 (US).

(72) SIE, John, J.; 17 Huntwick Lane, Englewood, CO 80110 (US). SABRAW, Martin, F.; 315 Mill Race Lane, Newton, PA 18940 (US). BEYLER, John, C.; 395 W. Winterthur Way, Highlands Ranch, CO 80129 (US).

(74) FRANKLIN, Thomas, D. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) CN.

(51)⁷ H04N

(11) WO 02/087220 (13) A2

(21) PCT/US02/09258

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/839,000 21 Apr/avr 2001 US (21.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND METHOD FOR INTERACTIVE TELEVISION

• SYSTEME ET PROCEDE DE TELEVISION INTERACTIVE

(71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) NAKANO, Masahiro; 1084 Golden Way, Los Gatos, CA 94024 (US). AKIYAMA, Tsutomu; 17854 Via Alta Mirasol, San Diego, CA 92128 (US). KITSUKAWA, Tadamasu; 14284 Breezeway Place, San Diego, CA 92128 (US). KONDO, Shigeharu; 14924 Avenida Vensuto #117, San Diego, CA 92128 (US).

(74) ROGITZ, John, L.; Suite 3120, 750 B Street, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 1/32
- (11) WO 02/087221 (13) A1
(21) PCT/US02/11010
(22) 10 Apr/avr 2002 (10.04.2002)
(25) en (26) en
(30) 09/840,575 23 Apr/avr 2001 US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • HARDCOPY WATERMARKING
• TATOUAGE NUMERIQUE DE TI-
RAGES PAPIER
- (71) HEWLETT-PACKARD COMPANY
[US/US]; 3000 Hanover Street, Palo Alto,
CA 94304-1112 (US).
- (72) LEVY, Avraham; 19b Haemek Street,
36084 Kiryat Tivon (IL). SHAKED, Doron;
16A Mapu Street, 34361 Haifa (IL).
- (74) HEMINGER, Susan E.; Hewlett-Packard
Company, IP Administration, P. O. Box
272400, Ft. Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 3/15
- (11) WO 02/087222 (13) A1
(21) PCT/EP02/03959
(22) 9 Apr/avr 2002 (09.04.2002)
(25) de (26) de
(30) 101 19 498.6 20 Apr/avr 2001 DE
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMAGE RECORDING-TRIGGERING
DEVICE AND METHOD FOR TRIG-
GERING A RECORDING OF AN IM-
AGE
• DISPOSITIF DE DECLENCHEMENT
DE PRISE DE VUE, ET PROCEDE DE
DECLENCHEMENT DE PRISE DE VUE
- (71) MIKROTRON GMBH [DE/DE];
Freisingerstrasse 3, 85386 Eching (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MINDERMANN, Bernhard [DE/DE];
Moosstrasse 8, 85416 Langenbach (DE).
- (74) JEHLE, Volker et al. / etc.; Bosch, Graf
von Stosch, Jehle, Theatinerstrasse 8, 80333
München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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 02/087223 (13) A1
(21) PCT/FR02/01332
(22) 18 Apr/avr 2002 (18.04.2002)
(25) fr (26) fr
(30) 01/05280 19 Apr/avr 2001 FR
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR PRO-
CESSING MULTIPLEXED FLOW DATA
• PROCEDE ET DISPOSITIF DE TRAI-
TEMENT DES DONNEES D'UN FLUX
MULTIPLIÉ
- (71) SCM MICROSYSTEMS GMBH [DE/FR];
216, avenue du Serpolet, F-13600 La Ciotat
(FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BOURSIER, Arnaud [FR/FR]; Office
Méditerranéen de Brevets d'invention et de
Marques, Cabinet Hautier, 24, rue Massena,
F-06000 Nice (FR). GAUTIER, Gilles
[FR/FR]; Office Méditerranéen de Brevets
d'invention et de Marques, Cabinet Hautier,
24, rue Massena, F-06000 Nice (FR).
- (74) HAUTIER, Jean-Louis; Office Méditer-
ranéen de Brevets d'Invention, et de Marques,
Cabinet Hautier, 24, rue Masséna, F-06000
Nice (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT 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, 7/173
- (11) WO 02/087224 (13) A1
(21) PCT/IB02/01314
(22) 11 Apr/avr 2002 (11.04.2002)
(25) en (26) en
- (30) 09/840,818 24 Apr/avr 2001 US
(24.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • WIRELESS COMMUNICATION POINT
OF DEPLOYMENT MODULE FOR USE
IN DIGITAL CABLE COMPLIANT DE-
VICES
• POINT DE COMMUNICATION SANS
FIL D'UN MODULE DE DEPLOIE-
MENT UTILISE DANS LES DISPOSI-
TIFS NUMERIQUES COMPATIBLES
AVEC LE CABLE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
- (72) LU, Jin; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).
- (74) GRAVENDEEL, Cornelis; Internation-
aal 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 5/232, 3/22
- (11) WO 02/087225 (13) A1
(21) PCT/EP02/04240
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 101 19 378.5 19 Apr/avr 2001 DE
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VIEWFINDER FOR A VIDEO CAMERA
• VISEUR POUR CAMERA VIDEO
- (71) THOMSON LICENSING S.A. [FR/FR]; 46
Quai Alphonse Le Gallo, F-92100 Boulogne-
Billancourt (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) VAN DEN HERIK, Ben [NL/NL];
Remy van Haanenstraat 7, NL-4907 NR
Oosterhout (NL).
- (74) BONNANS, Arnaud; Thomson multime-
dia, 46, quai Alphonse Le Gallo, F-92648
Boulogne-Billancourt (FR).
- (81) GB JP US.
- Declarations / Déclarations :
(s) for the following designations / pour les
désignations suivantes : GB JP
(t) for all designations / pour toutes les
désignations
-
- (51)⁷ H04N 5/243
- (11) WO 02/087226 (13) A1
(21) PCT/US02/12394
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 09/838,360 19 Apr/avr 2001 US
(19.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • INFRARED DETECTION SYSTEM
AND METHOD WITH HISTOGRAM

BASED MANUAL LEVEL AND GAIN CONTROL

- SYSTEME ET PROCEDE DE DETECTION INFRAROUGE AVEC UN HISTOGRAMME FONDE SUR UN NIVEAU MANUEL ET UNE COMMANDE DE GAIN

(71) RAYTHEON COMPANY [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) HUNIUI, Lee, J.; 4030 W. 183rd Street, Torrance, CA 90504 (US).

(74) RAUFER, Colin; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

(81) IL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04N 5/44

(11) WO 02/087227 (13) A2

(21) PCT/IB02/01338

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 0109720.3 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DISPLAY APPARATUS AND IMAGE ENCODED FOR DISPLAY BY SUCH AN APPARATUS

- APPAREIL D'AFFICHAGE ET IMAGE CODEE DESTINEE A ETRE PRESENTEE SUR UN TEL APPAREIL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) THOMASON, Graham, G.; Prof. Holstlaan 6, NL-5656 Aa Eindhoven (NL).

(74) WHITE, Andrew, G.; Internationaal Octroibureau 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 H04N 5/445, G06F 3/033

(11) WO 02/087228 (13) A1

(21) PCT/EP02/03566

(22) 30 Mar/mar 2002 (30.03.2002)

(25) de (26) de

(30) 101 19 648.2 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR OPERATING TELEVISION APPLIANCES

- DISPOSITIF D'UTILISATION D'APPAREILS DE TELEVISION

(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) SENGE, Michael [DE/DE]; Wittmannstr. 27, 64285 Darmstadt (DE). TOMERIUS, Kai [DE/DE]; Lichtenbergstr. 31, 64289 Darmstadt (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 5/445

(11) WO 02/087229 (13) A1

(21) PCT/KR02/00719

(22) 19 Apr/avr 2002 (19.04.2002)

(25) ko (26) en

(30) 2001/21133 19 Apr/avr 2001 KR (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD FOR DATA-BROADCASTING BASED ON ELECTRONIC PROGRAM GUIDE, AND A SYSTEM FOR PERFORMING THE SAME

- PROCEDE DE RADIODIFFUSION DE DONNEES BASE SUR UN GUIDE ELECTRONIQUE DE PROGRAMMES ET SYSTEME CORRESPONDANT

(71) GENTOR.COM INC. [KR/KR]; 4th Floor, Sungwon Bldg., 1706-5 Seocho-Dong, Seocho-Ku, Seoul 137-073 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HWANG, Johny [KR/KR]; 105-1506 Family Apt., Moonjung-Dong, Songpa-Ku, Seoul 138-200 (KR).

(74) CHO, Hyeon, Seog; JiWu Int'l Patent and Law Firm, 3rd Floor, Yoosung Building, 628-13 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 H04N 5/445, 7/173, G06F 3/00, 13/00

(11) WO 02/087230 (13) A1

(21) PCT/US02/10601

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 09/837,526 18 Apr/avr 2001 US (18.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • IMPROVED CABLE CHANNEL SEARCH SYSTEMS

- SYSTEMES DE RECHERCHE DE CANAL CABLE AMELIORES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) USKALI, Robert.; 1504 Coventry Road, Schaumburg, IL 60195 (US). HART, William, C., Jr.; 9942 Chetwood Drive, Huntley, IL 60142 (US).

(74) NICHOLS, Daniel, K. et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/445

(11) WO 02/087231 (13) A2

(21) PCT/US02/12307

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 09/838,782 20 Apr/avr 2001 US (20.04.2001)

(30) 10/115,693 4 Apr/avr 2002 US (04.04.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EDITING TIME-BASED MEDIA WITH ENHANCED CONTENT

- EDITION DE SUPPORTS TEMPORELS A CONTENU AMELIORE

(71) AVID TECHNOLOGY, INC. [—/US]; Avid Technology Park, One Park West, Tewksbury, MA 01876 (US).

(72) PHILLIPS, Michael; 94 Hillside Avenue, Melrose, MA 02176-3218 (US). COOPER, Brian, C.; 8 Balcom Drive, Foxboro, MA 02035 (US). FAY, Larisa; 2 Pole Hill Drive, Andover, MA 01810 (US).

(74) GORDON, Peter, J.; Avid Technology, Inc., One Park West, Tewksbury, MA 01876 (US).

(81) CA DE GB 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 5/783

(11) WO 02/087232 (13) A1

(21) PCT/IB02/01328

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 01201477.5 24 Apr/avr 2001 EP (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

- (54) • METHOD AND DEVICE FOR GENERATING A VIDEO SIGNAL
- PROCEDE ET DISPOSITIF POUR GENERER UN SIGNAL VIDEO
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) EERENBERG, Onno; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KELLY, Declan, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GASSEL, Jozef, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DE VRIES, Jan; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 5/91
- (11) WO 02/087233 (13) A1
- (21) PCT/JP02/03647
- (22) 12 Apr/avr 2002 (12.04.2002)
- (25) ja (26) ja
- (30) 2001-116561 16 Apr/avr 2001 JP (16.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MULTI-VIEW STORAGE BROADCAST SERVICE METHOD, APPARATUS, AND SYSTEM
- PROCEDE, APPAREIL ET SYSTEME DE SERVICES DE DIFFUSION A STOCKAGE MULTIVUE
- (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) KAGEYAMA, Mitsuhiro [JP/JP]; 5-24-19, Kamisuna-cho, Tachikawa-shi, Tokyo 190-0032 (JP).
- (74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) CN 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 H04N 5/93, 5/92
- (11) WO 02/087234 (13) A2
- (21) PCT/FR02/01417
- (22) 25 Apr/avr 2002 (25.04.2002)
- (25) fr (26) fr
- (30) 01/05566 25 Apr/avr 2001 FR (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR CONTROLLING DISPLAY OF AUDIO-VISUAL PROGRAMMES, AND RECEIVER FOR DISPLAYING SAME
- PROCÉDÉ DE CONTRÔLE DE LA VISUALISATION D'ÉMISSIONS AUDIO-VISUELLES, ET RÉCEPTEUR APTE À LES VISUALISER.
- (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) SCHAEFER, Ralf [DE/FR]; 5, rue du Martin Pêcheur, F-35690 Acigné (FR). CHAMPEL, Mary-Luc [FR/FR]; 4, rue de la Croix Beucher, F-35220 Marpiré (FR). ORHAND, Anita [FR/FR]; 17, square Alain Fergent, F-35000 Rennes (FR).
- (74) KOHRS, Martin; 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).
-
- (51)⁷ H04N 7/10, G06F 12/00
- (11) WO 02/087235 (13) A1
- (21) PCT/US02/12430
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 60/284,973 19 Apr/avr 2001 US (19.04.2001)
- (30) 60/289,409 8 May/mai 2001 US (08.05.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM FOR APPLYING METRIC TO MULTIMEDIA FILES OVER NETWORK
- SYSTEME DE MESURE DE FICHIERS MULTIMEDIA SUR UN RESEAU
- (71) VIVIDON, INC. [US/US]; 142 North Road, Sudbury, MA 01776 (US).
- (72) CATES, Joshua, Ian; 115 Harvard Street #4, Cambridge, MA 02139 (US). HUNT, Russell; 7100 Westworth Drive, Willow Springs, NC 27592 (US). KESSLER, Garry, Kenneth; 20 Ruggles Street, Westboro, MA 01581 (US). PICKNEY, Thomas, III; 102 Hancock Street #2, Cambridge, MA 02139 (US). PROVENZANO, Christopher, Angelo; 95 Liberty Avenue, Somerville, MA 02144 (US). SCHLOWSKY-FISCHER, Mark, Harold; 25 Curtis Road, Apt. 1, Somerville, MA 20144 (US). THOMAS, Benjamin, Joseph, III; 2 Appletree Lane, Bedford, MA 01730 (US). WYATT, Douglas, Karl; 22 Francesca #2, Somerville, MA 02144 (US).
- (74) KELLY, Edward, J. et al. / etc.; Ropes & Gray, Patent Group, One International Place, 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 H04N 7/10, 7/14, 7/173
- (11) WO 02/087236 (13) A1
- (21) PCT/US02/12509
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) en (26) en
- (30) 09/839,581 20 Apr/avr 2001 US (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR RETRIEVING AND STORING MULTIMEDIA DATA
- SYSTEME ET PROCEDE POUR RECUPERER ET ENREGISTRER DES DONNEES MULTIMEDIAS
- (71) CONCURRENT COMPUTER CORPORATION [US/US]; 4375 River Green Parkway, Duluth, GA 30096 (US).
- (72) ALLEGREZZA, Fred; 1432 Downey Drive, Hatfield, PA 19440 (US).
- (74) MEDLIN, Jennifer, P. et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 7/16
- (11) WO 02/087237 (13) A1
- (21) PCT/IB02/01390
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/840,209 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD FOR STORING DIGITAL BROADCAST DATA

- PROCEDE POUR STOCKER DES DONNEES DE DIFFUSION NUMERIQUES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) LU, Jin; 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 7/16
- (11) WO 02/087238 (13) A1
- (21) PCT/KR02/00638
- (22) 10 Apr/avr 2002 (10.04.2002)
- (25) ko (26) en
- (30) 2001/19101 10 Apr/avr 2001 KR (10.04.2001)
- (30) 2002/01543 10 Jan/jan 2002 KR (10.01.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A PC BASED TV SET-TOP BOX SYSTEM AND METHOD OF PROVIDING CONTENTS EXCLUSIVELY BY THE SYSTEM
- SYSTEME DE DECODEUR TV BASE SUR PC ET PROCEDE POUR FOURNIR DES CONTENUS EXCLUSIVEMENT PAR CE SYSTEME
- (71) FANTALIFE CO., LTD. [KR/KR]; Seosung Building, 3F, 790-15, Yuksam-dong, Kangnam-ku, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NA, In-Sik [KR/KR]; N^o22-1405 Siy-oung Apt., Seongsan 2-dong, Mapo-ku, Seoul 121-781 (KR).
- (74) GAM, Dong-Hoon et al. / etc.; 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 ID IL IN JP LU MX NO NZ PL PT RU SE SG TR US VN.
- (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 7/16
- (11) WO 02/087239 (13) A1
- (21) PCT/US02/12379
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 09/840,326 23 Apr/avr 2001 US (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PULLING INTERNET CONTENT ONTO INTERACTIVE TELEVISION USING USAGE DATA
- EXTRACTION DE CONTENU INTERNET SUR UNE TELEVISION INTERACTIVE AU MOYEN DE DONNEES D'UTILISATION
- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) KITSUKAWA, Tadamasa; 14284 Breezeway Place, San Diego, CA 92128 (US). AKIYAMA, Tsutomu; 17854 Via Alta Mirasol, San Diego, CA 92128 (US). KONDO, Shigeharu; 14924 Avenida Vensuto #117, San Diego, CA 92128 (US).
- (74) ROGITZ, John, L.; Rogitz & Associates, Suite 3120, 750 B Street, San Diego, CA 92101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 7/16, 7/173
- (11) WO 02/087240 (13) A1
- (21) PCT/US02/07133
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 60/284,767 18 Apr/avr 2001 US (18.04.2001)
- (30) 09/894,431 27 Jun/juin 2001 US (27.06.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ON-REMOTE-CONTROL EMAIL AND OTHER SERVICE INDICATOR METHODS, SYSTEMS, AND DEVICES
- COURRIEL TELECOMMANDE ET AUTRES PROCEDES, SYSTEMES ET DISPOSITIFS INDICATEURS DE SERVICES
- (71) DIGEO, INC. [US/US]; 8815 122nd Avenue N.E., Kirkland, WA 98033 (US).
- (72) NGUYEN, Loc; 4421 249th Terrace SE, Issaquah, WA 98029 (US). ALLEN, Paul, G.; 6451 W. Mercer Way, Mercer Island, WA 98040 (US).
- (74) CHRISTENSEN, Kory, D. et al. / etc.; Steel Rives LLP, Suite 1100, One Utah Center, 201 South Main Street, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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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- (11) WO 02/087242 (13) A1
- (21) PCT/FI02/00331
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 20010822 20 Apr/avr 2001 FI (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD AND APPARATUS FOR LOCALIZING DATA
- PROCEDE ET APPAREIL POUR LOCALISER DES DONNEES
- (71) SWELCOM OY [FI/FI]; Ludwiginkatu 6-8, FIN-00100 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WIKLUND, Marcus [FI/FI]; Porintie 2 G 87, FIN-00350 Helsinki (FI).
- (74) BORENIUS & CO OY AB; Kansakoulukuja 3, FIN-00100 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 H04N 7/173
- (11) WO 02/087243 (13) A2
- (21) PCT/IB02/01387
- (22) 18 Apr/avr 2002 (18.04.2002)

- (25) en (26) en
- (30) 09/839,817 **20 Apr/avr 2001** US
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • AUTOMATIC SELECTION OF FAVORITE MEDIA SELECTIONS OF A USER OF AN MEDIA PRESENTATION DEVICE
- SELECTION AUTOMATIQUE DES SELECTIONS DE SUPPORTS PREFERES DE L'UTILISATEUR D'UN DISPOSITIF DE PRESENTATION DE SUPPORTS
- (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).
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- (11) WO 02/087244 (13) A1
- (21) PCT/US02/12048
- (22) 17 Apr/avr 2002 (17.04.2002)
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- (30) 09/836,239 **18 Apr/avr 2001** US
(18.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR PRODUCING AND DISTRIBUTING ENHANCED MEDIA DOWNSTREAMS
- PROCEDE, SYSTEME ET PRODUIT DE PROGRAMME INFORMATIQUE PERMETTANT DE PRODUIRE ET DE DISTRIBUER DES FLUX AVAL DE MULTIMEDIA AMELIORES
- (71) PARKERVISION, INC. [US/US]; 8493 Baymeadows Way, Jacksonville, FL 32256 (US).
- (72) HOLTZ, Alex; 11837 Tanya Terrace East, Jacksonville, FL 32223 (US). COUCH, William, H.; 2876 Breakers Drive, Fernandina Beach, FL 32034 (US). FRES, Gilberto; 8335 Freedom Crossing Trail #4404, Jacksonville, FL 32256 (US). HAMILLET, Timothy; 4873 Roosevelt Building #4, Jacksonville, FL 32210 (US). HOEPFNER, Charles, M.; 5387 Riverbreeze Court, Jacksonville, FL 32277 (US). PARKER, Jeffrey, L.; 2348 River Road, Jacksonville, FL 33207 (US). ROBBLEE, William; 6382 W. Johnnie Circle, Jacksonville, FL 32244 (US). SISISKY, Richard, L.; 6676 Epping Forest Way N., Jacksonville, FL 32217 (US). SNYDER, Robert, J.; 1404 Kipling Lane, St. Augustine, FL 32095 (US). TINGLE, Keith, Gregory; 622 Oceanfront, Neptune Beach, FL 32266 (US). TODD, Richard; 9009 Western Lake Drive #305, Jacksonville, FL 32256 (US). VERBONCOEUR, Roger; 10147 Lipson Drive, Jacksonville, FL 32257 (US).
- (74) LEE, Michael, Q. 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).
- Published / Publiée : (c)
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- (51)⁷ H04N 7/173
- (11) WO 02/087245 (13) A1
- (21) PCT/US02/12684
- (22) 23 Apr/avr 2002 (23.04.2002)
- (25) en (26) en
- (30) 09/843,296 **25 Apr/avr 2001** US
(25.04.2001)
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(28.12.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD TO PROVIDE NON-PROGRAMMING-RELATED URL ADDRESSES IN AN INTERACTIVE VIDEO CASTING SYSTEM
- SYSTEME ET PROCEDE POUR FOURNIR DES ADRESSES URL NON ASSOCIEES A UNE PROGRAMMATION DANS UN SYSTEME DE DIFFUSION VIDEO INTERACTIF
- (71) DIGEO, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).
- (72) MITCHELL, Slade; 355 10th Place SE, North Bend, WA 98045 (US).
- (74) DE GUZMAN, Dennis et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC 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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- (11) WO 02/087247 (13) A1
- (21) PCT/US02/12931
- (22) 23 Apr/avr 2002 (23.04.2002)
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(24.04.2001)
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- (30) 09/997,954 **28 Nov/nov 2001** US
(28.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD FOR PROVIDING DATA SERVICES FOR A LARGE NUMBER OF SMALL -SIZED DATA FILES
- PROCEDE DESTINE A FOURNIR DES SERVICES DE DONNEES POUR UN NOMBRE IMPORTANT DE FICHIERS DE DONNEES DE PETITE TAILLE
- (71) PREDI WAVE CORP. [US/US]; 48501 Warm Springs Blvd., Suite 107, Fremont, CA 94539 (US).
- (72) HOANG, Khoi; 5706 Dalton Creek Way, Pleasanton, CA 94566 (US).

- (74) **COLEMAN, Brian, R.**; Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304 (US).
- (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 02/087248 (13) A2
(21) PCT/GB02/01796
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(30) 01303562.1 19 Apr/avr 2001 EP (19.04.2001)
(30) 60/305,846 18 Jul/juil 2001 US (18.07.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • APPARATUS AND METHOD FOR PROCESSING VIDEO DATA
• APPAREIL ET PROCEDE DE TRAITEMENT DE DONNEES VIDEO
(71) **INDIGOVISION LIMITED** [GB/GB]; The Edinburgh Technopole, Bush Loan, Edinburgh EH26 0PJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SMART, Michael, Howard, William** [GB/GB]; 1F3, 11 Templepark Crescent, Edinburgh EH11 1JF (GB). **MACRAE, Donald, James** [GB/GB]; Flat 11, 23 Crosscauseway, Edinburgh EH8 9JW (GB). **DALZELL, Ryan** [GB/GB]; 8/11 Starbank Road, Edinburgh EH15 3BW (GB). **KEEPENCE, Barry** [GB/GB]; 8 Merchiston Place, Edinburgh EH10 4NP (GB). **BEATTIE, Robert, Scott** [GB/GB]; Flat 2, 29 West High Street, Lauder, Tweeddale TD2 6TF (GB).
(74) **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 1RS (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 02/087249 (13) A1
(21) PCT/IB02/01330
(22) 12 Apr/avr 2002 (12.04.2002)
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(30) 01201498.1 25 Apr/avr 2001 EP (25.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD AND APPARATUS FOR COPYING AND PROCESSING AUDIO-VISUAL INFORMATION
• PROCEDE ET APPAREIL PERMETTANT DE COPIER ET DE TRAITER DES INFORMATIONS AUDIOVISUELLES
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **VAN GESTEL, Wilhelmus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PERSOON, Eric, H., J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **GROENENDAAL, Antonius, W., M. et al.** / etc.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN IN 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 7/24
(11) WO 02/087250 (13) A1
(21) PCT/KR02/00679
(22) 13 Apr/avr 2002 (13.04.2002)
(25) ko (26) en
(30) 2001/0019922 13 Apr/avr 2001 KR (13.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD OF EMBEDDING/DETECTING DIGITAL WATERMARK AND APPARATUS FOR USING THEREOF
• PROCEDE PERMETTANT D'INCORPORER/DE DETECTER UN FILIGRANE NUMERIQUE ET APPAREIL CORRESPONDANT
(71) **MARKANY INC.** [KR/KR]; Ssanglim Bldg. 10F1., 151-11, Ssanglim-dong, Chung-gu, 100-400 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEE, Jung-Soo** [KR/KR]; 3F. 313-19, Mia 8-dong, Gangbuk-gu, 142-814 Seoul (KR). **CHOI, Jong-Uk** [KR/KR]; Seong-won Apt. 2-dong #1301, Uoo-eui-dong 1, Dobong-gu, 142-871 Seoul (KR).
(74) **KOREANA PATENT FIRM**; Dong-Kyong Bldg. 824-19, 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).
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- (51)⁷ H04N 7/24, 1/387
(11) WO 02/087251 (13) A1
(21) PCT/KR02/00728
(22) 19 Apr/avr 2002 (19.04.2002)
(25) ko (26) en
(30) 2001-0021531 20 Apr/avr 2001 KR (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • METHOD OF INSERTING/DETECTING DIGITAL WATERMARK AND APPARATUS FOR USING THEREOF
• PROCEDE ET DISPOSITIF D'INSERTION ET DE DETECTION DE TA-TOUAGE NUMERIQUE
(71) **MARKANY INC.** [KR/KR]; Ssanglim Bldg. 10F1., 151-11, Ssanglim-dong, Chung-gu, 100-400 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEE, Jung-Soo** [KR/KR]; 3F. 313-19, Mia 8-dong, Gangbuk-gu, 142-814 Seoul (KR). **CHOI, Jong-Uk** [KR/KR]; Seong-won Apt. 2-dong #1301, Uoo-eui-dong 1, Dobong-gu, 142-871 Seoul (KR).
(74) **KOREANA PATENT FIRM**; Dong-Kyong Bldg. 824-19, 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).
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- (51)⁷ H04N 7/24
(11) WO 02/087252 (13) A1
(21) PCT/US02/12108
(22) 16 Apr/avr 2002 (16.04.2002)
(25) en (26) en
(30) 60/285,188 20 Apr/avr 2001 US (20.04.2001)
(30) 60/285,153 20 Apr/avr 2001 US (20.04.2001)
(43) 31 Oct/oct 2002 (31.10.2002)
(54) • IP DATA ENCAPSULATION AND INSERTION USING A BROADBAND TRANSPORT MULTIPLEXER
• ENCAPSULATION ET INSERTION DE DONNEES IP FAISANT APPEL A UN MULTIPLEXEUR DE TRANSPORT A BANDE LARGE
(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tounament Drive, Horsham, PA 19044 (US).
(72) **KAKU, Vicky, B.**; 13559 Stoney Creek Road, San Diego, CA 92129 (US). **ME-ANDZLJA, Branislav, N.**; 716 Avocado Place, Del Mar, CA 92014 (US). **SILAGI, Randall**; 10135 Parkdale Avenue, San Diego, CA 92126 (US).

(74) LIPSITZ, Barry, R.; Law Offices of Barry R. Lipsitz, Building No. 8, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087253 (13) A2

(21) PCT/US02/12826

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 60/286,185 23 Apr/avr 2001 US (23.04.2001)

(30) 60/286,187 23 Apr/avr 2001 US (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND APPARATUS FOR OPPORTUNISTICALLY BROADCASTING RICH MEDIA DIGITAL CONTENT

• PROCEDE ET DISPOSITIF DE DIFFUSION OPPORTUNISTE D'UN CONTENU NUMERIQUE MULTIMEDIA RICHE

(71) IBLAST, INC. [US/US]; Suite 200, 100 N. Crescent Dr., Beverly Hills, CA 90210 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LUDÉ, Peter, J. [US/US]; 194 Connecticut St., San Francisco, CA 94107 (US). RADKE, Daniel, A. [US/US]; 1515 Artesia Blvd., Manhattan Beach, CA 90266 (US). SHENDAR, Noam, A. [US/US]; 225 Cypress Point Dr., Mountain View, CA 94043 (US). STAUFFER, Michael, K. [US/US]; 357 Kellogg Ave., Palo Alto, CA 94301 (US).

(74) LIU, Wen; Liu & Liu LLP, Suite 1100, 811 West 7th Street, Los Angeles, CA 90017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 02/087254 (13) A2

(21) PCT/US02/12986

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/841,140 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • SYSTEM AND DATA FORMAT FOR PROVIDING SEAMLESS STREAM SWITCHING IN A DIGITAL VIDEO DECODER

• SYSTEME ET FORMAT DE DONNEES SERVANT A ASSURER UNE COMMUTATION DE TRAIN DE DONNEES TRANSPARENTE DANS UN DECODEUR VIDEO NUMERIQUE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KESSLER, Damien [FR/US]; 6053 Gypsy Moth Place, San Jose, CA 95123 (US). LU, Ligang [CN/US]; 182B Heritage Hill, Somers, NY 10589 (US). BEYERS, Billy, Wesley, Jr. [US/US]; 1075 Arrow Wood Drive, Indianapolis, IN 46033 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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

(11) WO 02/087255 (13) A2

(21) PCT/US02/12423

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) 09/839,354 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHODS AND APPARATUS FOR GENERATING, INCLUDING AND USING INFORMATION RELATING TO ARCHIVED AUDIO/VIDEO DATA

• PROCEDES ET APPAREIL POUR GENERER, INCLURE ET UTILISER DES INFORMATIONS RELATIVES A DES DONNEES AUDIO/VIDEO ARCHIVEES

(71) FRONT PORCH DIGITAL INC. [US/US]; 1810 Chapel Ave West, Suite 130, Cherry Hill, NJ 08002 (US).

(72) YOGESHWAR, Jay; 34 Anthony Lane, Lawrenceville, NJ 08648 (US). MARTUCCI, Stephen, A.; 13 Lehigh Drive, Kendall Park, NJ 08824 (US). GUPTA, Bobby, R.; 1 Pickering Drive, Robbinsville, NJ 08691 (US). FENDT, Melanie, R.; 18 Dean Lane, Cherry Hill, NJ 08034 (US). VENZIE, Frederick, M., III; 109 Crooked Lane, Cherry Hill, NJ 08034 (US).

(74) STRAUB, Michael, P.; Straub & Pokotylo, Bldg. 6, Suite 83, 1 Bethany Road, Hazlet, NJ 07730 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H04N 9/11, 9/64

(11) WO 02/087256 (13) A1

(21) PCT/US02/12144

(22) 18 Apr/avr 2002 (18.04.2002)

(25) en (26) en

(30) 60/285,562 20 Apr/avr 2001 US (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • HIGH RESOLUTION IMAGE COLOR CORRECTION METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE CORRECTION DE LA COULEUR D'UNE IMAGE HAUTE RESOLUTION

(71) MTI FILM LLC [US/US]; 209 Angell Street, Providence, RI 02906 (US).

(72) MANBECK, Kevin; 120 Bluff Avenue, Cranston, RI 02905 (US). CASSIDY, Jay; 11406 Kingsland Street, Los Angeles, CA 90066 (US). GEMAN, Stuart; 114 Freeman Parkway, Providence, RI 02906 (US). GEMAN, Donald; 23 Amity Place, Amherst, MA 01002 (US). MCCLURE, Donald; 15 Rose Court, Providence, RI 02906 (US).

(74) STICKEVERS, John, J. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 9/31

(11) WO 02/087257 (13) A1

(21) PCT/IB02/01233

(22) 4 Apr/avr 2002 (04.04.2002)

(25) en (26) en

- (30) 09/833,859 **12 Apr/avr 2001** US
(12.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SCROLLING COLOR PROJECTOR AND A SCANNER PHASE CONTROL THEREFOR
• PROJECTEUR COULEUR A DEFILEMENT ET SYSTEME ASSOCIE DE COMMANDE DE PHASE DE DISPOSITIF DE BALAYAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) JANSSEN, Peter; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VAN DEN HOOVEN, Jan; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 9/64
(11) WO 02/087258 (13) A2
(21) PCT/IB02/01317
(22) 11 Apr/avr 2002 (11.04.2002)
(25) en (26) en
(30) 01201435.3 **20 Apr/avr 2001** EP
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • IMAGE PROCESSING APPARATUS FOR AND METHOD OF IMPROVING AN IMAGE AND AN IMAGE DISPLAY APPARATUS COMPRISING THE IMAGE PROCESSING APPARATUS
• APPAREIL DE TRAITEMENT D'IMAGE ET PROCEDE PERMETTANT D'AMELIORER UNE IMAGE ET APPAREIL D'AFFICHAGE D'IMAGE COMPRENANT LEDIT APPAREIL DE TRAITEMENT D'IMAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) NICOLAS, Marina, M., P.; 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 17/00
(11) WO 02/087259 (13) A1
(21) PCT/IB02/01486
- (22) 24 Apr/avr 2002 (24.04.2002)
- (25) en (26) en
- (30) 60/286,352 **25 Apr/avr 2001** US
(25.04.2001)
- (30) 09/938,377 **24 Aug/août 2001** US
(24.08.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • APPARATUS AND METHOD FOR COMBINING RANDOM SET OF VIDEO FEATURES IN A NON-LINEAR SCHEME TO BEST DESCRIBE PERCEPTUAL QUALITY OF VIDEO SEQUENCES USING HEURISTIC SEARCH METHODOLOGY
• APPAREIL ET PROCEDE PERMETTANT DE COMBINER UN ENSEMBLE ALEATOIRE D'ELEMENTS VIDEO EN UN SCHEMA NON LINEAIRE AFIN DE DECRIRE AU MIEUX LA QUALITE DE PERCEPTION DE SEQUENCES VIDEO A L'AIDE D'UNE TECHNIQUE DE RECHERCHE HEURISTIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) ALI, Walid; 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 H04N 17/00, 17/02
(11) WO 02/087260 (13) A1
(21) PCT/US02/12152
(22) 18 Apr/avr 2002 (18.04.2002)
(25) en (26) en
(30) 60/284,600 **18 Apr/avr 2001** US
(18.04.2001)
(30) 60/284,601 **18 Apr/avr 2001** US
(18.04.2001)
(30) Not furnished / non communiqué **17 Apr/avr 2002** US
(17.04.2002)
(30) Not furnished / non communiqué **17 Apr/avr 2002** US
(17.04.2002)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • VIDEO STREAMS FOR CLOSED CAPTION TESTING AND THE LIKE
• DIFFUSION DE VIDEO EN TEMPS REEL POUR ESSAI DE SOUS-TITRAGE CODE OU ANALOGUE
- (71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).
- (72) DIETERICH, Charles; 7 Euclid Avenue, Kingston, NJ 08528 (US). BAUMGARTNER, Hans; 933 Golden Gate Drive, San Diego, CA 92116 (US).
- (74) SILVERIO, John et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543 (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).
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- (51)⁷ H04Q
(11) WO 02/087261 (13) A2
(21) PCT/US02/12704
(22) 23 Apr/avr 2002 (23.04.2002)
(25) en (26) en
(30) 09/839,598 **23 Apr/avr 2001** US
(23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHODS AND APPARATUS FOR HIGH-ACCURACY POSITION LOCATION USING SEARCH MODE RANGING TECHNIQUES
• PROCEDES ET DISPOSITIFS DE LOCALISATION DE POSITION HAUTE PRECISION AU MOYEN DE TECHNIQUES DE TELEMETRIE EN MODE RECHERCHE
- (71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; 1105 North Market Street, Suite 1217, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARTORANA, Marc, J. [US/US]; 203-3 North Beverwyck Road, Lake Hiawatha, NJ 07034 (US).
- (74) FINNAN, Patrick, J. et al. / etc.; Epstein, Edell, Shapiro, Finnan & Lytle, LLC, Suite 400, 1901 Research Boulevard, 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).
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- (51)⁷ H04Q 3/00
(11) WO 02/087262 (13) A1
(21) PCT/EP02/04237
(22) 17 Apr/avr 2002 (17.04.2002)
(25) en (26) en
(30) 60/285,072 **19 Apr/avr 2001** US
(19.04.2001)
(30) 09/918,331 **30 Jul/juil 2001** US
(30.07.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR DISTRIBUTED SCCP MANAGEMENT
• PROCEDE ET DISPOSITIF POUR LA GESTION REPARTIE DE SOUS-SYSTEME DE COMMANDE DES CONNEXIONS SEMAPHORES (SCCP)
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) MARTINEZ CANETE, Antonio; C/Brescia, 11, E-28028 Madrid (ES). GONZALEZ ESCOBAR, Florencio; C/Camarena, 154, E-28047 Madrid (ES). DE VEGA DE LA RED, Vicente; C/Marroquina, 42, E-28030 Madrid (ES). VALENCIA ALVAREZ, Daniel; c/Amargura, E-16444 Cervera del Llano (ES). SANZ DE LA VIUDA, Monica; C/Manuel de Falla, 2, E-29100 Alcobendas (ES).

(74) MOHSLER, Gabriele; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/60, 3/545

(11) WO 02/087263 (13) A1

(21) PCT/DE02/01209

(22) 3 Apr/avr 2002 (03.04.2002)

(25) de (26) de

(30) 101 19 795.0 23 Apr/avr 2001 DE (23.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • EXCHANGE FOR ESTABLISHING CONNECTIONS AND CORRESPONDING METHOD

• CENTRE DE COMMUTATION POUR L'ETABLISSEMENT DE CONNEXIONS, ET PROCEDE Y RELATIF

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELTSCHKA, Herwig [DE/DE]; Buchhofstrasse 12, 82319 Starnberg (DE). LÖBIG, Norbert [DE/DE]; Im Erlich 79, 64291 Darmstadt (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).

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 H04Q 7/00

(11) WO 02/087264 (13) A2

(21) PCT/DE02/01259

(22) 5 Apr/avr 2002 (05.04.2002)

(25) de (26) de

(30) 101 19 449.8 20 Apr/avr 2001 DE (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • METHOD AND DEVICE FOR TRANSMITTING DATA OF A SUBSCRIBER-SPECIFIC CONTROL CHANNEL IN A RADIO SYSTEM

• PROCEDE ET DISPOSITIF POUR TRANSMETTRE LES DONNEES D'UN CANAL DE COMMANDE SPECIFIQUE A UN ABONNE DANS UN SYSTEME 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) NASSHAN, Markus [DE/DE]; Stadtweg 44, 85435 Erding (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN IN 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 H04Q 7/00

(11) WO 02/087265 (13) A2

(21) PCT/IB02/02564

(22) 2 Apr/avr 2002 (02.04.2002)

(25) en (26) en

(30) 0108041.5 30 Mar/mar 2001 GB (30.03.2001)

(30) 0200714.4 14 Jan/jan 2002 GB (14.01.2002)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • PASSING INFORMATION IN A COMMUNICATION SYSTEM

• TRANSFERT D'INFORMATIONS DANS UN SYSTEME DE COMMUNICATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WESTMAN, Ilkka [FI/FI]; Keuruuntie 3-13 E 21, FIN-00510 Helsinki (FI).

(74) SLINGSBY, Philip, Roy et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/20

(11) WO 02/087266 (13) A1

(21) PCT/US02/12746

(22) 23 Apr/avr 2002 (23.04.2002)

(25) en (26) en

(30) 09/842,359 24 Apr/avr 2001 US (24.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • APPARATUS AND METHOD FOR COMMUNICATING INFORMATION TO PORTABLE COMPUTING DEVICES

• APPAREIL ET PROCEDE PERMETTANT DE COMMUNIQUER DES INFORMATIONS A DES DISPOSITIFS INFORMATIQUES PORTABLES

(71) WIDERAY CORPORATION [US/US]; 25 Maiden Lane, Suite 502, San Francisco, CA 94108 (US).

(72) KATO, Saul; 701 Minna Street #13, San Francisco, CA 94103 (US).

(74) EWING, Thomas et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04Q 7/22

(11) WO 02/087267 (13) A1

(21) PCT/IL01/00381

(22) 25 Apr/avr 2001 (25.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • MOBILE CELLULAR TELECOMMUNICATIONS INFRASTRUCTURE BASED MULTI-USER APPLICATIONS

• APPLICATIONS MULTI-UTILISATEUR FONDEES SUR UNE INFRASTRUCTURE DE TELECOMMUNICATION CELLULAIRE MOBILE

(71) CELLTICK TECHNOLOGIES LTD [IL/IL]; 7 Hagalim Ave, 46725 Herzliya (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANIEL, Ronen [IL/IL]; Amnon Vetamer St. 31, 52365 Ramat Gan (IL). WELLINGSTEIN, Ran [IL/IL]; Habanim Street 34, 46379 Herzliya (IL). WELLINGSTEIN, Yossi [IL/IL]; Hagilboa Street 4, 65223 Tel Aviv (IL).

(74) KAY, Simon; Celltick Technologies, 7 Hagalim Ave., 46725 Herzliya (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).
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- (51)⁷ H04Q 7/22, H04L 12/56, 29/06
 (11) WO 02/087268 (13) A1
 (21) PCT/US02/11455
 (22) 12 Apr/avr 2002 (12.04.2002)
 (25) en (26) en
 (30) 09/839,429 20 Apr/avr 2001 US (20.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MAINTAINING AN IP SESSION BETWEEN A CORE NETWORK ELEMENT AND A MOBILE ACCESS TERMINAL ESTABLISHED OVER A FIRST RADIO ACCESS NETWORK HAVING TUNED TO A SECOND RADIO ACCESS NETWORK
 • MAINTIEN D'UNE SESSION IP ENTRE UN ELEMENT RESEAU CENTRAL ET UN TERMINAL D'ACCES MOBILE ETABLIE SUR UN PREMIER RESEAU D'ACCES RADIO S'ETANT ACCORDE SUR UN DEUXIEME RESEAU D'ACCES RADIO
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morhouse Drive, San Diego, CA 92121-1714 (US).
- (72) ABROL, Nischal; 7260 Calle Cristobal #41, San Diego, CA 92126 (US). LIOY, Marcello; 7588 Charmant Drive #1924, San Diego, CA 92122 (US).
- (74) WADSWORTH, Philip, R.; 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).
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 (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SCROLLING DISPLAY FOR MOBILE TELEPHONE TEXT MESSAGING
 • AFFICHEUR DE DEFILEMENT POUR MESSAGERIE TEXTUELLE DE TELEPHONE MOBILE
- (71) AT & T WIRELESS SERVICES, INC. [US/US]; 7277 164th Avenue NE, Redmond, WA 98073 (US).
- (72) KANEFISKY, Steve; 16080 NE 85th Street, #407, Redmond, WA 98052 (US).
- (74) MEININGER, Mark, M.; Ipsolon LLL, 805 SW Broadway #2740, Portland, OR 97205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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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 (22) 23 Apr/avr 2001 (23.04.2001)
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- (54) • METHOD AND SYSTEM FOR IMPLEMENTING A SIGNALLING CONNECTION IN A DISTRIBUTED RADIO ACCESS NETWORK
 • PROCEDE ET SYSTEME PERMETTANT DE METTRE EN OEUVRE UNE CONNEXION DE SIGNALISATION DANS UN RESEAU D'ACCES RADIO DISTRIBUE
- (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) LONGONI, Fabio [ES/ES]; c/o Nokia Corporation, C Ochoa s/n P.T.A., Campanillas, 29590 Malaga (ES). NIEMELÄ, Tuomas, T. [FI/FI]; Vuorimiehenkatu 14 A 37, FIN-00140 Helsinki (FI).
- (74) PAPULA OY; P.O. Box 981, (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR 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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 (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SYSTEM AND METHOD FOR SECURING INFORMATION IN MEMORY
 • SYSTEME ET PROCEDE PERMETTANT DE SECURISER DES INFORMATIONS DANS UNE MEMOIRE
- (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) SMEETS, Bernard [NL/SE]; Dalbackavägen 11, S-240 10 Dalby (SE). OSTHOFF, Harro [DE/DE]; Ziegelsteinstrasse 189, 90411 Nürnberg (DE).
- (74) ERICSSON MOBILE PLATFORMS AB; IPR Department, S-221 83 Lund (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • AUTHENTICATION IN A COMMUNICATION SYSTEM
 • AUTHENTIFICATION DANS UN SYSTEME DE COMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WESTMAN, Ilkka [SE/FI]; Keuruuntie 3-13 E 21, FIN-00510 Helsinki (FI). NIEMI,

- Valtteri [FI/FI]; Tallberginkatu 3 as 43, FIN-00180 Helsinki (FI).
- (74) RUUSKANEN, Juha-Pekka et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (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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- (11) WO 02/087273 (13) A2
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DISTRIBUTED LOCATION BASED SERVICE SYSTEM
• SYSTEME DE SERVICES DISTRIBUES BASES SUR LA LOCALISATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) GRIFFITHS, Jonathan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RANKIN, Paul, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • RADIO COMMUNICATION SYSTEM FOR GATED TRANSMISSION OF A CONTROL CHANNEL
• SYSTEME DE COMMUNICATIONS RADIO POUR EMISSION INTERMITTENTE DANS UNE VOIE DE COMMANDE
- (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).
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- (54) • METHOD AND APPARATUS FOR ESTIMATING THE POSITION OF A TERMINAL BASED ON IDENTIFICATION CODES FOR TRANSMISSION SOURCES
• PROCEDE ET DISPOSITIF PERMETTANT DE DETERMNER LA POSITION D'UN TERMINAL EN FONCTION DE CODES D'IDENTIFICATION POUR DES SOURCES DE TRANSMISSION
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morhouse Drive, San Diego, CA 92121-1714 (US).
- (72) STEIN, Jeremy, M.; Na'amat Street 19, 34670 Haira (IL). WEISSMAN, Haim; Shoham Street 43, 34679 Haifa (IL).
- (74) OGR0D, Gregory, D. et al. / etc.; Qualcomm Incorporated, Morehouse Drive 5775, San Diego, CA 92121-1714 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 18 Apr/avr 2002 (18.04.2002)
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND DEVICE FOR ROBUST REAL-TIME ESTIMATION OF THE BOTTLENECK BANDWIDTH IN THE INTERNET
- PROCEDE ET DISPOSITIF D'ESTIMATIONS ROBUSTES EN TEMPS REEL DE BANDE PASSANTE DE GOULOT D'ETRANGLEMENT SUR INTERNET
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) RADHA, Hayder; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LOGUINOV, Dmitri; 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).
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- (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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- (22) 8 Feb/fév 2002 (08.02.2002)
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL TRANSMISSION SYSTEMS INCLUDING MULTI-CASTING SYSTEMS, APPARATUSES, AND METHODS
• SYSTEMES DE TRANSMISSION OPTIQUE COMPRENANT DES SYSTEMES, DES APPAREILS ET DES PROCEDES DE MULTI-DIFFUSION OPTIQUE
- (71) CORVIS CORPORATION [US/US]; 7015 Albert Einstein Drive, Columbia, MD 21046 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DWIVEDI, Anurag [US/US]; 7015 Albert Einstein Drive, Columbia, MD 21046 (US). ROBERTS, Harrison, K. [US/US]; 7015 Albert Einstein Drive, Columbia, MD 21046 (US). HUBER, David, R. [US/US]; 7015 Albert Einstein Drive, Columbia, MD 21046 (US).
- (74) WOLF, Darren, E.; 7015 Albert Einstein Drive, Columbia, MD 21046 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en

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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • OPTICAL MICROPHONE CONSTRUCTION
• STRUCTURE DE MICROPHONE OPTIQUE
- (71) PHONE-OR LTD. [IL/IL]; 17 HaTa'asia Street, 60 212 Or Yehuda (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARITSKY, Alexander [IL/IL]; 123 Nahar HaYarden Street, 71 700 Modi'in (IL).
KOTS, Alexander [IL/IL]; 68/49 Kineret Street, 77 700 Ashdod (IL).
- (74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 02/087279 (13) A2
- (21) PCT/US02/12692
- (22) 20 Apr/avr 2002 (20.04.2002)
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MATCHING AN ACOUSTIC DRIVER TO AN ACOUSTIC LOAD IN AN ACOUSTIC RESONANT SYSTEM
• ADAPTATION D'UN ACTIONNEUR ACOUSTIQUE A UNE CHARGE ACOUSTIQUE DANS UN SYSTEME ACOUSTIQUE RESONANT
- (71) CLEVER FELLOWS INNOVATION CONSORTIUM [US/US]; 302 Tenth Street, Troy, NY 12180 (US). MESOSCOPIC DEVICES [US/US]; 510 Compton Street, Suite 106, Broomfield, CO 80020 (US).
- (72) COREY, John, A.; 2556 River Road, Melrose, NY 12121 (US). MARTIN, Jerry; 2492 Ajax Court, Superior, CO 80027 (US).
- (74) WARNICK, Spencer, K.; Hoffman, Warnick & D'Alessandro LLC, Three E-Comm Square, Albany, NY 12207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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).
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- (51)⁷ H04R 17/00, G01S 7/52
- (11) WO 02/087280 (13) A1
- (21) PCT/JP02/03635
- (22) 11 Apr/avr 2002 (11.04.2002)
- (25) ja (26) ja
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(13.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MULTI-FREQUENCY TRANSMISSION/RECEPTION APPARATUS
• APPAREIL EMETTEUR/RECEPTEUR MULTIFREQUENCE
- (71) FURUNO ELECTRIC CO., LTD. [JP/JP]; 9-52, Ashihara-Cho, Nishinomiya, Hyogo 662-8580 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMEI, Kazuhiko [JP/JP]; 5-3-706, Ibukidai-Nishi-Machi 1-chome, Nishi-Ward, Kobe, Hyogo 651-2243 (JP). SUETOSHI, Ryouichi [JP/JP]; 36-22, Tachibana-Cho 3-chome, Amagasaki, Hyogo 661-0025 (JP). YAMAGUCHI, Takeharu [JP/JP]; 3-513, Tsuto-Ogo-Cho 8-chome, Nishinomiya, Hyogo 663-8243 (JP).
- (81) GB US.
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- (51)⁷ H04R 17/00, 17/04
- (11) WO 02/087281 (13) A1
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- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) ja (26) ja
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- (54) • LOUD-SPEAKER USING PIEZO-ELECTRIC ELEMENT
• HAUT-PARLEUR UTILISANT UN ELEMENT PIEZO-ELECTRIQUE
- (71) APPLIED ELECTRONICS LABORATORIES, INC. [JP/JP]; 3-8, Higashi Kanda 3-chome, Chiyoda-ku, Tokyo 101-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANDA, Yuichi [JP/JP]; c/o Applied Electronics Laboratories, Inc., 3-8, Higashi Kanda 3-chome, Chiyoda-ku, Tokyo 101-0031 (JP).
- (74) SONODA, Yoshitaka et al. / etc.; Shinjuku Sumitomo Building, 43rd Floor, 6-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0243 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H04R 25/00
- (11) WO 02/087282 (13) A1
- (21) PCT/US02/12907
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 60/285,345 20 Apr/avr 2001 US
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- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DETACHABLE HELMET-MOUNTED COMMUNICATIONS SYSTEM
• SYSTEME DE COMMUNICATIONS DETACHABLE MONTE SUR CASQUE
- (71) VIGOR SPORTS, INC. [US/US]; 16918 Edwards Road, Cerritos, CA 90703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JEONG, Chanyoung [KR/US]; 16918 Edwards Road, Cerritos, CA 90703 (US).
- (74) HANSEN, Scott, R. et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 840 Newport Center Drive, Suite 700, Newport Beach, CA 92660-7007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 H05B 3/14, C09K 11/06
- (11) WO 02/087283 (13) A1
- (21) PCT/GB02/01844
- (22) 22 Apr/avr 2002 (22.04.2002)
- (25) en (26) en
- (30) 0109755.9 20 Apr/avr 2001 GB
(20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTROLUMINESCENT DEVICES INCORPORATING MIXED METAL ORGANIC COMPLEXES
• DISPOSITIFS ELECTROLUMINESCENTS INCORPORANT DES COMPLEXES ORGANIQUES METALLIQUES MELANGES
- (71) ELAM-T LIMITED [GB/GB]; South Bank Techno Park, 90 London Road, London SE1 6LN (GB).

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(72, 75) **KATHIRGAMANATHAN, Poopathy** [GB/GB]; The Little Lancaster House, 1 Lancaster Road, North Harrow HA2 7NN (GB). **RAVICHANDRAN, Seenivasagam** [GB/GB]; 27 Garendon Road, Morden, Surrey SM4 6LX (GB). **SURENDRAKUMAR, Sivagnasundram** [GB/GB]; 16 Nolton Place, Edgware, London HA8 6DL (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 3/34, B43L 15/00, A61F 7/00

(11) WO 02/087284 (13) A1

(21) PCT/US01/13184

(22) 23 Apr/avr 2001 (23.04.2001)

(25) en (26) en

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DUAL DENSITY HEATED DEFORMABLE SUPPORT
• SUPPORT DEFORMABLE CHAUFFANT A DOUBLE DENSITE

(71) **RAM-SIN PRODUCT DEVELOPMENT INC.** [US/US]; 2450 West Ridge Road, Rochester, NY 14626 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMSEY, Douglas, P.** [US/US]; 20 Ellington Circle, Rochester, NY 14612 (US). **SINACORI, Russell, J.** [US/US]; 10 James Lane, Rochester, NY 14606 (US).

(74) **SHAW, Brian, B.**; Harter, Secrest & Emery LLP, 700 Midtown Tower, Rochester, NY 14604 (US).

(81) 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 GW ML MR NE SN 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 ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY 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 H05B 6/02, 6/10

(11) WO 02/087285 (13) A1

(21) PCT/IB02/01301

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) MI01A000835 19 Apr/avr 2001 IT (19.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR CONVERTING MAGNETIC ENERGY INTO THERMAL ENERGY, PARTICULARLY FOR HEATING MATERIAL IN A SOLID OR FLUID STATE

• DISPOSITIF POUR CONVERTIR DE L'ENERGIE MAGNETIQUE EN ENERGIE THERMIQUE, EN PARTICULIER POUR CHAUFFER UN MATERIAU A L'ETAT SOLIDE OU FLUIDE

(71, 72) **ROASTRO, Paolo, Arnaldo** [IT/IT]; Via Don Folli, 65, I-21016 Luino (IT).

(74) **FIAMMENGHI-DOMENIGHETTI, Delfina**; Fiammenghi-Fiammenghi, Via San Gottardo, 15, CH-6900 Lugano (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 6/70

(11) WO 02/087286 (13) A1

(21) PCT/NL02/00260

(22) 22 Apr/avr 2002 (22.04.2002)

(25) nl (26) en

(30) 1017894 20 Apr/avr 2001 NL (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • DEVICE FOR TREATING MATERIAL WITH THE AID OF HIGH-FREQUENCY ELECTROMAGNETIC RADIATION

• DISPOSITIF POUR TRAITER UN MATERIAU AU MOYEN D'UN RAYONNEMENT ELECTROMAGNETIQUE HAUTE FREQUENCE

(71, 72) **VAN DIJK, Nicolaas** [NL/ES]; Calle Campillos, 513, E- Alhaurin de la Torre (ES).

(74) **BARENDREGT, F.**; 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 H05B 33/12, 33/22, 33/14, 33/10

(11) WO 02/087287 (13) A1

(21) PCT/JP01/03353

(22) 19 Apr/avr 2001 (19.04.2001)

(25) ja (26) ja

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • ELECTROLUMINESCENCE DISPLAY PANEL, IMAGE DISPLAY, AND METHOD FOR MANUFACTURING THEM

• PANNEAU ELECTROLUMINESCENT, VISUALISEUR D'IMAGE ET PROCEDE PERMETTANT DE LES PRODUIRE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 100-8220 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARATANI, Sukekazu** [JP/JP]; c/o Hitachi Research Laboratory, HITACHI, LTD., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **KANEKO, Yoshiyuki** [JP/JP]; c/o Hitachi Research Laboratory, HITACHI, LTD., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **TSUMURA, Makoto** [JP/JP]; c/o Hitachi Research Laboratory, HITACHI, LTD., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) **TOMITA, Kazuko**; 7F, Yokohama HS-Bldg., 9-10, Kitasaivai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (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 H05B 33/14, C09K 11/06, 11/08

(11) WO 02/087288 (13) A1

(21) PCT/GB02/01884

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 0109759.1 20 Apr/avr 2001 GB (20.04.2001)

(43) 31 Oct/oct 2002 (31.10.2002)

(54) • GREEN LIGHT EMITTING ELECTROLUMINESCENT MATERIAL

• MATIERE ELECTROLUMINESCENTE EMETTANT UNE LUMIERE VERTE

(71) **ELAM-T LIMITED** [GB/GB]; South Bank Techno Park, 90 London Road, London SE1 6LN (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KATHIRGAMANATHAN, Poopathy** [GB/GB]; The Little Lancaster House, 1 Lancaster Road, North Harrow HA2 7NN (GB).
- (74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H05B 37/02**
- (11) **WO 02/087289** (13) A1
- (21) PCT/FR02/01344
- (22) **19 Apr/avr 2002 (19.04.2002)**
- (25) fr (26) fr
- (30) 01/05382 **20 Apr/avr 2001** FR (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • DEVICE FOR DRIVING, CONTROLLING AND REGULATING A LIGHT WAVE IN AN ILLUMINATING SYSTEM
- DISPOSITIF DE COMMANDE, DE CONTROLE ET DE REGULATION D'UNE VAGUE LUMINEUSE DANS UN SYSTEME D'ECLAIRAGE
- (71) **AUTOMATIQUE & INDUSTRIE** [FR/FR]; 4, place Robert Schuman, F-38000 Grenoble (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARENNE, Alain** [FR/FR]; 4, place Victor Hugo, F-38000 (FR).
- (74) **HECKE, G. et al. / etc.**; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, BP 1537, F-38025 Grenoble Cedex 1 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL 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 **H05B 41/28**
- (11) **WO 02/087290** (13) A1
- (21) PCT/IB02/01319
- (22) **11 Apr/avr 2002 (11.04.2002)**
- (25) en (26) en
- (30) 01201433.8 **20 Apr/avr 2001** EP (20.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CIRCUIT ARRANGEMENT FOR DISCHARGE LAMP COMPRISING A RESONANT HALF-BRIDGE CONVERTER DRIVEN BY A CLASS-E DRIVER
- MONTAGE DE CIRCUITS POUR LAMPE A DECHARGE COMPRENANT UN CONVERTISSEUR DEMI-PONT AUTO-OSCILLANT EXCITE PAR UN CIRCUIT D'ATTAQUE DE CLASSE E
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BUIJ, Arnold, W.**; 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).
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- (51)⁷ **H05H**
- (11) **WO 02/087291** (13) A2
- (21) PCT/US02/06945
- (22) **7 Mar/mar 2002 (07.03.2002)**
- (25) en (26) en
- (30) 60/273,556 **7 Mar/mar 2001** US (07.03.2001)
- (30) 60/279,764 **30 Mar/mar 2001** US (30.03.2001)
- (30) 60/281,408 **5 Apr/avr 2001** US (05.04.2001)
- (30) 60/284,865 **20 Apr/avr 2001** US (20.04.2001)
- (30) 60/290,067 **11 May/mai 2001** US (11.05.2001)
- (30) 60/295,024 **4 Jun/juin 2001** US (04.06.2001)
- (30) 60/304,783 **13 Jul/juil 2001** US (13.07.2001)
- (30) 60/310,848 **9 Aug/août 2001** US (09.08.2001)
- (30) 60/326,731 **4 Oct/oct 2001** US (04.10.2001)
- (30) 60/328,446 **12 Oct/oct 2001** US (12.10.2001)
- (30) 60/330,688 **29 Oct/oct 2001** US (29.10.2001)
- (30) 60/333,534 **28 Nov/nov 2001** US (28.11.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • MICROWAVE POWER CELL, CHEMICAL REACTOR, AND POWER CONVERTER
- PILE A COMBUSTIBLE A MICRO-ONDES, REACTEUR CHIMIQUE ET CONVERTISSEUR D'ENERGIE
- (71) **BLACKLIGHT POWER, INC.** [US/US]; 493 Old Trenton Road, Cranbury, NJ 08512 (US).
- (71, 72) **MILLS, Randell, L.** [US/US]; 7 Weatherfield Drive, Newtown, PA 18940 (US).
- (74) **MELCHER, Jeffrey, S.**; Manelli Denison & Selter, PLLC, 2000 M Street, N.W., 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).
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- (51)⁷ **H05K**
- (11) **WO 02/087292** (13) A2
- (21) PCT/US02/13176
- (22) **25 Apr/avr 2002 (25.04.2002)**
- (25) en (26) en
- (30) 2001-127737 **25 Apr/avr 2001** JP (25.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • PIN GRID ARRAY PACKAGE SOCKET
- SUPPORT DE BOITIER MATRICIEL
- (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) **HIRATA, Toshihisa** [JP/JP]; Corpo-Sunrise 101, 2-31 Fukami-nishi, 1-chome, Yamato-shi, Kanagawa 242-0018 (JP).
- SASAO, Masami** [JP/JP]; 101 Green-Hill-Ichibankan, 6-9 Sumiyoshidai, Aoba-ku, Yokohama, Kanagawa 222-0035 (JP).
- (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H05K 1/00**
- (11) **WO 02/087293** (13) A2
- (21) PCT/EP02/04497
- (22) **23 Apr/avr 2002 (23.04.2002)**
- (25) de (26) de
- (30) 101 19 848.5 **23 Apr/avr 2001** DE (23.04.2001)
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • SUPPORT FOR ELECTRICAL CIRCUIT ELEMENTS
- SUPPORT POUR ELEMENTS DE CIRCUIT ELECTRIQUES
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN**

- FORSCHUNG E.V.** [DE/DE]; Leonrodstr. 54, 80636 München (DE). **POSSEHL ELECTRONICS DEUTSCHLAND GMBH** [—/DE]; Rissener Strasse 140, 22880 Wedel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LÜTHJE, Holger** [DE/DE]; Buchenweg 15, 25469 Halstenbeck (DE). **KLAGES, Claus-Peter** [DE/DE]; Lützower Str. 1, 38102 Braunschweig (DE).
- (74) **PFFENNING MEINIG & PARTNER GBR**; Joachimstaler Str. 10-12, 10719 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H05K 1/00, 3/00**
- (11) **WO 02/087294** (13) A1
- (21) PCT/SG02/00050
- (22) **28 Mar/mar 2002 (28.03.2002)**
- (25) en (26) en
- (30) 200102200-3 **19 Apr/avr 2001 SG (19.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • A METHOD FOR FORMING A PRINTED CIRCUIT BOARD AND A PRINTED CIRCUIT BOARD FORMED THEREBY
- PROCEDE DE FABRICATION DE CARTE DE CIRCUIT IMPRIME ET CARTE DE CIRCUIT IMPRIME AINSI FABRIQUEE
- (71) **GUL TECHNOLOGIES SINGAPORE LTD.** [SG/SG]; 149-A Gul Circle, Singapore 629606 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHUA, Ah, Lim** [SG/SG]; BLK 326, #04-1348 Yishun Ring Road, Singapore 760326 (SG).
- (74) **LAWRENCE Y D HO & ASSOCIATES PTE LTD**; 30 Bideford Road, #07-01, Thongsia Building, Singapore 229922 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H05K 3/00, H01J 37/32**
- (11) **WO 02/087295** (13) A1
- (21) PCT/US02/10853
- (22) **8 Apr/avr 2002 (08.04.2002)**
- (25) en (26) en
- (30) 60/283,960 **17 Apr/avr 2001 US (17.04.2001)**
- (30) 09/935,047 **23 Aug/août 2001 US (23.08.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • METHOD AND APPARATUS FOR FABRICATING PRINTED CIRCUIT BOARD USING ATMOSPHERIC PRESSURE CAPILLARY DISCHARGE PLASMA SHOWER
- PROCEDE ET APPAREIL DE FABRICATION DE CARTE DE CIRCUITS IMPRIMES AU MOYEN DE GERBES DE PLASMA A DECHARGES CAPILLAIRES SOUS PRESSION ATMOSPHERIQUE
- (71) **PLASMION CORPORATION** [US/US]; 50 Harrison Street, Hoboken, NJ 07030 (US). **SIMMTECH CORPORATION** [KR/KR]; Simmtech Building, 228-3, Nonhyun-dong, Kangnam-ku, Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JUNG, Chang Bo** [KR/KR]; 1002-607 Taekang Apt., Gongneung-dong, Nowon-gu, Seoul (KR). **JEONG, Jong Han** [KR/KR]; 311-508 Jugong Apt., Daechi-dong, Gangnam-gu, Seoul (KR). **SO, Hyun Jo** [KR/KR]; 561 Youngdae-ri, Samsong-myeon, Eumseong-gun, Chungcheongbuk-do (KR). **YU, Dong Woo** [US/US]; 2 Blanche Avenue, Demarest, NJ 07627 (US). **KIM, Steven** [US/US]; 228 Blanche Avenue, Harrington Park, NJ 07640 (US).
- (74) **BOSWELL, MaryJane et al.** / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT 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 **H05K 3/34, 3/40, 1/18, 1/11**
- (11) **WO 02/087296** (13) A1
- (21) PCT/JP02/03526
- (22) **9 Apr/avr 2002 (09.04.2002)**
- (25) ja (26) ja
- (30) 2001-110886 **10 Apr/avr 2001 JP (10.04.2001)**
- (30) 2001-169576 **5 Jun/juin 2001 JP (05.06.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • CIRCUIT BOARD, CIRCUIT BOARD MOUNTING METHOD, AND ELECTRONIC DEVICE USING THE CIRCUIT BOARD
- CARTE DE CIRCUIT IMPRIME, PROCEDE DE MONTAGE DE CETTE CARTE DE CIRCUIT IMPRIME ET DISPOSITIF ELECTRONIQUE UTILISANT CETTE DERNIERE
- (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) **MOMOKAWA, Yuki** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **KONO, Ei-ichi** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **SAITOU, Masaru** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **TANABE, Kazuhiko** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) **HIRATA, Tadao**; HIRATA & PARTNERS, Park Side House, 2, Ichibancho, Chiyoda-ku, Tokyo 102-0082 (JP).
- (81) CN KR PH SG US.
- (84) EP (DE FR GB IT).
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- (51)⁷ **H05K 3/34, B23K 1/00, 3/06, H05K 1/18, H01L 21/60**
- (11) **WO 02/087297** (13) A1
- (21) PCT/JP02/03676
- (22) **12 Apr/avr 2002 (12.04.2002)**
- (25) ja (26) ja
- (30) 2001-119030 **18 Apr/avr 2001 JP (18.04.2001)**
- (43) 31 Oct/oct 2002 (31.10.2002)
- (54) • ELECTRONIC APPARATUS
- APPAREIL ELECTRONIQUE
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HATA, Hanae** [JP/JP]; c/o Production Engineering Research Laboratory, HITACHI, LTD., 292, Yoshidacho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **SOGA, Tasao** [JP/JP]; c/o Production Engineering Research Laboratory, HITACHI, LTD., 292, Yoshidacho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **ISHIDA, Toshiharu** [JP/JP]; c/o Production Engineering Research Laboratory, HITACHI, LTD., 292, Yoshidacho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **MIURA, Kazuma** [JP/JP]; c/o Production Engineering Research Laboratory, HITACHI, LTD., 292, Yoshidacho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).
- (74) **ASAMURA, Kiyoshi et al.** / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
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 (54) • DETECTION SWITCH MOUNTED IN A CARD SOCKET
 • COMMUTATEUR DE DETECTION MONTE DANS UN LOGEMENT POUR CARTE
 (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) HIRATA, Toshihisa [JP/JP]; Corpo-Sunrise 101, 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).
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 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • ELECTRONIC DEVICE HAVING PANEL BODY
 • DISPOSITIF ELECTRONIQUE AYANT UN CORPS DE PANNEAU
 (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) MUROGA, Toshiyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KURAUCHI, Seiji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NISHIOKA, Yuichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TANAKA, Yutaka [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
 (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
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 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • PRINTED CIRCUIT BOARD ASSEMBLY DEVICE
 • DISPOSITIF D'ASSEMBLAGE DE CARTES DE CIRCUITS IMPRIMES
 (71) ABB SERVICE SRL [IT/IT]; Via Arconati, 1, I-20135 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MORLACCHI, Carlo [IT/IT]; Via Certosa, 20, I-20010 Arluno (IT). CARETTONI, Aldo [IT/IT]; Via Caduti, 41, I-20020 Arese (IT).
 (74) GIAVARINI, Francesco; Giavarini e Associati S.r.l, Via XX Settembre, 58/A, I-24122 Bergamo (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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 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • SUPPORT RACK FOR VIBRATORY TESTING OF PRINTED CIRCUIT BOARDS
 • CASIER SUPPORT DESTINE AUX ESSAIS DE VIBRATION DE CARTES DE CIRCUIT IMPRIME
 (71) VENTUREDYNE, LTD. [US/US]; 10201 W. Lincoln Avenue, Milwaukee, WI 53227 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LIKEN, Peter [US/US]; 10136 Hiawatha Drive, West Olive, MI 49460 (US). BOSSCHER, Michael, J. [US/US]; 8446 Cottonwood Drive, Jenison, MI 49418 (US).
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 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (51)⁷ H05K 13/00
 (11) WO 02/087302 (13) A1
 (21) PCT/DE02/01210
 (22) 3 Apr/avr 2002 (03.04.2002)
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 (30) 101 19 232.0 19 Apr/avr 2001 DE (19.04.2001)
 (43) 31 Oct/oct 2002 (31.10.2002)
 (54) • DEVICE FOR CHARACTERISING COMPONENT STORES AND METHOD FOR USING SAID DEVICE
 • DISPOSITIF DE CARACTERISATION DES STOCKS DE COMPOSANTS, ET PROCEDE UTILISANT CE DISPOSITIF
 (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ESCHENWECK, Friedrich [DE/DE]; Händelstrasse 23, 85622 Feldkirchen (DE).
 (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
 (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).
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- Published / Publiée : (c)
 Declarations / Déclarations :
 (s) for the following designations / pour les désignations suivantes : CN JP KR SG 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
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- (51)⁷ H05K 13/08
 (11) WO 02/087303 (13) A1
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(43) 31 Oct/oct 2002 (31.10.2002)

(54) • COMPONENT CONTROL IN A PLACEMENT MACHINE

- COMMANDE DE COMPOSANTS DANS UNE MACHINE D'IMPLANTATION

(71) TRACEXPRT A/S [DK/DK]; Margrethepladsen 1-3, DK-8000 Århus C (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BYSKOV, Kurt [DK/DK]; Sjællandsgade 54, DK-8000 Århus C (DK). JØRGENSEN, Aksel [DK/DK]; Thunøgade 42,

1., DK-8000 Århus C (DK). CRAMER, Søren [DK/DK]; Funch Thomsensgade 1, 2.th., DK-8200 Århus N (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

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KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).