

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/41079** (13) A2
(21) PCT/US98/04979
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 08/819,046 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
- (51) **Not classified / non classée**
- (54) ● ENHANCING THE RESOLUTION OF MULTI-SPECTRAL IMAGE DATA WITH PANCHROMATIC IMAGE DATA USING SUPER RESOLUTION PAN-SHARPENING
● RESOLUTION DE DONNEES D'IMAGE MULTISPECTRALES AMELIOREE AU MOYEN DE DONNEES D'IMAGE PANCHROMATIQUE METTANT EN OEUVRE UNE TECHNIQUE D'AFFINAGE PANORAMIQUE HAUTE RESOLUTION
- (71) **SPACE IMAGING, INC.** [US/US]; 9351 Grant Street #500, Thornton, CO 80229 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YUEN, Patrick, W.** [US/US]; 301 East Malley Drive #164, Northglenn, CO 80233 (US).
- (74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41080** (13) A2
(21) PCT/US98/12437
(22) **12 Jun/juin 1998 (12.06.1998)**
(25) en (26) en
(31) 09/030,315 (32) **25 Feb/fév 1998 (25.02.1998)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
- (51) **Not classified / non classée**
- (54) ● PASSIVE PEAK DEFLECTION SENSOR
● CAPTEUR PASSIF DE DEFORMATION MAXIMALE
- (71) **STRAIN MONITOR SYSTEMS, INC.** [US/US]; Suite 209, 7001 Peachtree Industrial Boulevard, N.E., Norcross, GA 30092 (US).
- (72) **WESTERMO, Bruce**; 5151 B Long Branch Avenue, San Diego, CA 92107 (US). **CRUM, Duane**; 6264 Ferris Square #B, San Diego, CA 92121 (US). **LAW, William**; Apartment C, 2682 Mission Boulevard, San Diego, CA 92109 (US). **THOMPSON, Larry, D.**; P.O. Box 1017, Descanso, CA 91916 (US). **TROMBI, Robert**; 4860 Rolando Court #60, San Diego, CA 92115 (US). **POLK, Raemon**; 2780 Carmen on Wesley, Atlanta, GA 30327 (US).
- (74) **TESKE, Davis, S.** et al. / etc.; Morris, Manning & Martin, L.L.P., Suite 1600, 3343 Peachtree Road N.E., Atlanta, GA 30326 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (f), (g)
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- (11) **WO 98/41081** (13) A1
(21) PCT/BE98/00038
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) fr (26) fr
(31) 9700237 (32) **18 Mar/mar 1997 (18.03.1997)** (33) BE
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01D 34/68**
- (54) ● IMPROVEMENTS TO SELF-PROPELLED LAWN MOWER
● AMELIORATIONS A UNE TONDEUSE ROBOTIQUE
- (71) **SOLAR AND ROBOTICS S.A.** [BE/BE]; Avenue de Fré 263, Boîte 50, B-1180 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COLENS, André** [BE/BE]; Rue du Baillois 5, B-1330 Rixensart (BE).
- (74) **COLENS, Alain**; Bureau Colens SPRL, Rue Franz Merjay 21, B-1050 Bruxelles (BE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 TJ TM TR TT UA UG UZ ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41083** (13) A1
(21) PCT/US98/05253
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/819,288 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01H 5/00, C07K 14/415, C12N 5/14, 15/29, 15/82**
- (54) ● PLANT GENES FOR SENSITIVITY TO ETHYLENE AND PATHOGENS
● GENES VEGETAUX ASSOCIES A LA SENSIBILITE A L'ETHYLENE ET AUX AGENTS PATHOGENES
- (22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 60/040,615 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01H 1/04, 5/00, 15/00, C12N 5/04, 15/12, 15/29, 15/31, 15/64, 15/80, 15/82, 15/84**
- (54) ● ISOLATED GENES AND PROTEINS ENCODING RESISTANCE TO PHOTOSENSITIZERS
● GENES ET PROTEINES ISOLES CODANT LA RESISTANCE AUX PHOTOSENSIBILISANTS
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 103 Bynum Hall, Campus Box 7003, Raleigh, NC 27695-7003 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAUB, Margaret, E.** [US/US]; 1208 Chaney Road, Raleigh, NC 27606 (US). **EHRENSHAFT, Marilyn** [US/US]; 203 Needle Park Drive, Cary, NC 27513 (US). **JENNS, Anne, E.** [US/US]; 1020 West South Street, Raleigh, NC 27603 (US).
- (74) **BENNETT, Virginia, C.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104 (US).
- (72) **ECKER, Joseph**; 3 Ash Court, Erial, NJ 08081 (US). **ALONSO, Jose**; Apartment 2R, 4530 Pine Street, Philadelphia, PA 19143 (US).
- (74) **MACKIEWICZ, John, J.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41084** (13) A1
- (21) PCT/GB98/00635
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 9705343.3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01K 11/00**
- (54) ● METHOD OF AND APPARATUS FOR ELECTRONICALLY LABELLING FARMED ANIMALS
● PROCEDE ET APPAREIL DE MARQUAGE ELECTRONIQUE DES ANIMAUX D'ELEVAGE
- (71, 72) **WEBBER, Richard, Sydney** [GB/GB]; Putham Farm, Wheddon Cross, Minehead, Somerset TA24 7AS (GB).
- (74) **HEPWORTH, John, Malcolm** et al. / etc.; Hephworth Lawrence Bryer & Bizley, Bloxam Court, Corporation Street, Rugby, Warwickshire CV21 2DU (GB).
- (81) AU NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41085** (13) A1
- (21) PCT/CA98/00228
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 60/040,592 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01K 15/02**
- (54) ● PIVOTABLE GATE BAR FOR COW STALLS
● BARRIERE PIVOTANTE POUR STALLE
- (71, 72) **ROUSSEAU, Victor** [CA/CA]; 700, route 259, Sainte-Monique, Québec J0G 1N0 (CA). **ROUSSEAU, Léo** [CA/CA]; 740, route 259, Sainte-Monique, Québec J0OG 1N0 (CA).
- (74) **MARTINEAU, François**; Lespérance & Martineau, Bureau 700, 1440, rue Sainte-Catherine Ouest, Montréal, Québec H3G 1R8 (CA).
- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41086** (13) A1
- (21) PCT/NZ98/00035
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 314445 (32) **19 Mar/mar 1997 (19.03.1997)** (33) NZ
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01K 91/03, 91/04, F16G 11/02, 11/04**
- (54) ● FILAMENT CONNECTOR
● ELEMENT DE RACCORD POUR FILA-MENTS
- (71, 72) **FAIRCLOTH, Michael, John** [NZ/NZ]; 57 John Walker Drive, Manurewa, Auckland 1702 (NZ).
- (72, 75) **GOWER, Colin, Graeme** [NZ/NZ]; 22 Wainoni Heights, Greenhithe, Auckland 1450 (NZ).
- (74) **PIPER, James, William** et al. / etc.; James W. Piper & Co., Wellesley Street, P.O. Box 5298, Auckland 1036 (NZ).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41087** (13) A1
- (21) PCT/US98/03712
- (22) **25 Feb/fév 1998 (25.02.1998)**
- (25) en (26) en
- (31) 08/819,106 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01N 1/02**
- (54) ● RED BLOOD CELL COMPOSITIONS AND METHODS FOR COLLECTING AND STORING RED BLOOD CELLS
● COMPOSITIONS D'ERYTHROCYTES ET PROCEDES PERMETTANT DE PRELEVER ET DE STOCKER LES ERYTHROCYTES
- (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
- (72) **GUDINO, Maria, D.**; 1001 Ambria Lane, Mundelein, IL 60060 (US). **DENIEGA, Jose, C.**; 20961 Eagles Glen, Lake Forest, CA 92630 (US). **BUCHHOLZ, Donald, H.**; 25910 Timberlake Road, Barrington, IL 60010 (US).
- (74) **KOLOMAYETS Andrew G.**; Cook, McFarron and Manzo, Suite 2850, 200 West Adams, Chicago, IL 60606 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41088** (13) A1
- (21) PCT/US98/02127
- (22) **5 Feb/fév 1998 (05.02.1998)**
- (25) en (26) en
- (31) 08/821,746 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01N 33/12, 37/34, 43/40**
- (54) ● BIOCIDAL COMPOSITION AND USE
● BIOCIDES ET SES UTILISATIONS
- (71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevoise, PA 19053-6783 (US).
- (72) **PATERSON, Donald, J.**; 1413 Aristides #103, Cordova, TN 38018 (US). **CASH, Howard, A.**; 2666 Dahlonega Drive, Jacksonville, FL 32224 (US).
- (74) **PAIKOFF, Richard, A.** et al. / etc.; BetzDearborn Inc., 4636 Somerton Road, Trevoise, PA 19053 - 6783 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41089** (13) A1
- (21) PCT/EP98/01431
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) de (26) de
- (31) 620/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CH
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A01N 35/06, 41/10, 43/08, 43/16**
- (54) ● NOVEL HERBICIDES
● NOUVEAUX HERBICIDES
- (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **KERBER, Elmar** [DE/DE]; Niederwühl 131, D-79733 Görwühl (DE). **RÜEGG, Willy** [CH/CH]; Felmetweg 6, CH-5073 Gipf-Oberfrick (CH).
- (74) **BECKER, Konrad**; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41090** (13) A1
- (21) PCT/US98/05307
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/041,410 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)

Published / Publiée : (c)

- (11) **WO 98/41090** (13) A1
- (21) PCT/US98/05307
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/041,410 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 37/18, 43/04, A61K 38/00, 31/70, G01N 33/574, 33/48**

(54) ● METHODS AND COMPOSITIONS FOR STIMULATING APOPTOSIS AND CELL DEATH OR FOR INHIBITING CELL GROWTH AND CELL ATTACHMENT

● METHODES ET COMPOSITIONS DESTINEES A STIMULER L'APOPTOSE ET LA MORT CELLULAIRE OU A INHIBER LA CROISSANCE ET LA FIXATION CELLULAIRES

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FU, Xin-Yuan** [CN/US]; 319 South Hoop Pole Road, Guilford, CT 06437 (US). **CHIN, Yue, E.** [CN/US]; 165 Edwards Street, New Haven, CT 06511 (US). **XIE, Bing** [CN/US]; 40 Pearl Street, New Haven, CT 06511 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41091** (13) A1

(21) PCT/FR98/00555

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) fr (26) fr

(31) 97/03386 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 43/16**

(54) ● COMPOSITION AND METHOD FOR STIMULATING POLLEN GERMINATION

● COMPOSITION ET PROCEDE POUR LA STIMULATION DE LA GERMINATION DES GRAINS DE POLLEN

(71) **LABORATOIRES GOËMAR S.A.** [FR/FR]; ZAC de la Madeleine, F-35400 Saint Malo (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YVIN, Jean-Claude** [FR/FR]; 3, rue Gabriel Desgrés, F-35400 Saint Malo (FR). **LEVASSEUR, Florence** [FR/FR]; 7, rue de la Loutre, F-35400 Saint Malo (FR). **TRAN THANH, Kiem-Ngoc** [FR/FR]; 104, avenue du Général Leclerc, F-91190 Gif sur Yvette (FR). **BUL, Van, Le** [VN/FR]; 9, chemin Desmoulin, F-91190 Gif sur Yvette (FR).

(74) **KOCH, Gustave**; Cabinet Llasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

(11) **WO 98/41092** (13) A1

(21) PCT/US98/04873

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/040,589 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 43/38, A61K 31/405, C07D 209/04**

(54) ● NOVEL INDOLECARBOXAMIDES, PHARMACEUTICAL COMPOSITIONS AND METHODS OF INHIBITING CALPAIN

● NOUVEAUX INDOLECARBOXAMIDES, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'INHIBITION DE LA CALPAINE

(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) **DAINES, Robert, A.** [US/US]; 2587 Cold Spring Road, Lansdale, PA 19446 (US). **SHAM, Kelvin, Kin-Cheong** [MY/US]; 640 American Avenue, King of Prussia, PA 19406 (US).

(74) **VENETIANER, Stephen** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW 2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41093** (13) A1

(21) PCT/US98/00209

(22) **14 Jan/jan 1998 (14.01.1998)**

(25) en (26) en

(31) 08/818,061 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 08/917,682 (32) **26 Aug/août 1997 (26.08.1997)** (33) US

(31) 08/947,900 (32) **9 Oct/oct 1997 (09.10.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 43/40, 43/48, 43/50, 43/54, 43/56, 43/58, 43/653, 43/713, 43/76, 43/78, C07D 401/12, 403/12, 417/12**

(54) ● DIARYL ETHERS AND PROCESSES FOR THEIR PREPARATION AND HERBICIDAL AND DESICCANT COMPOSITIONS CONTAINING THEM

● DIARYL ETHERS, PROCEDES D'ELABORATION, ET COMPOSITIONS HERBICIDES ET DESICCANTES LES CONTENANT

(63) US 08/818,061 (CIP)
14 Mar/mar 1997 (14.03.1997)

US 08/917,682 (CIP)
26 Aug/août 1997 (26.08.1997)

US 08/947,900 (CIP)
9 Oct/oct 1997 (09.10.1997)

(71) **ISHIHARA SANGYO KAISHA AMERICAS, INC.** [US/US]; 7474 Auburn Road, P.O. Box 8007, Concord, OH 44077 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PULMAN, David, A.** [GB/US]; Apartment E-5, 8120 Deepwood Boulevard, Mentor, OH 44060 (US). **YING, Bai-Ping** [CN/US]; 9778 Maidstone Drive, Mentor, OH 44060 (US). **WU, Shao-Yong** [CN/US]; Apartment 114-B, 28245 Bishop Park Drive, Willoughby Hills, OH 44092 (US). **GUPTA, Sandeep** [IN/US]; 8050 Carriage Hills Drive, Concord, OH 44060 (US). **SHIMOHARADA, Hiroshi** [JP/JP]; 451-112, Ise-cho, Moriyama-City, Shiga 524 (JP). **TSUKAMOTO, Masamitsu** [JP/US]; Apartment H-13, 1428 Golden Gate Boulevard, Mayfield Heights, OH 44124 (US).

(74) **GUBINSKY, Louis** et al. / etc.; Sughrue, Mion, Zinn, Macpeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41094** (13) A1

(21) PCT/EP98/01034

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) de (26) de

(31) 197 10 760.5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 47/34, 47/24, 43/54 // (A01N 47/34, 47:24, 43:54) (A01N 47/24, 37:40) (A01N 43/54, 37:40)**

(54) ● FUNGICIDE MIXTURE

● MELANGE FONGICIDE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Oliver** [DE/DE]; Rossinistrasse 7, D-67061 Ludwigshafen (DE). **BAYER, Herbert** [DE/DE]; D 3.4, D-68159 Mannheim (DE). **MISSLITZ, Ulf** [DE/DE]; Mandelring 74, D-67433 Neustadt (DE). **SCHIRMER, Ulrich** [DE/DE]; Berghalde 79, D-69126 Heidelberg (DE). **AMMERMANN, Eberhard** [DE/DE]; Von-Gagern-Strasse 2, D-64646 Heppenheim (DE). **LÖRENZ, Gisela** [DE/DE]; Erlenweg 13, D-67434 Neustadt (DE). **STRATHMANN, Siegfried** [DE/DE]; Donnersbergstrasse 9, D-67117 Limburgerhof (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41095** (13) A2

(21) PCT/CA98/00102

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) en (26) en

(31) 08/818,869 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 59/00**

(54) ● ANTI-MICROBIAL COATINGS HAVING INDICATOR PROPERTIES AND WOUND DRESSINGS

● REVETEMENTS ANTIMICROBIENS AGISSANT EN TANT QU'INDICATEURS ET SPADRAPS

(71) **WESTAIM TECHNOLOGIES INC.** [CA/CA]; 10102 - 114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURRELL, Robert, Edward** [CA/CA]; 52055, R.R. 221, Sherwood Park, Alberta T8E 1C6 (CA). **PRECHT, Roderick, John** [CA/CA]; 13143 - 34 Street, Edmonton, Alberta T5A 3K1 (CA).

(74) **McKAY-CAREY, Mary, Jane**; McKay-Carey & Company, 2125 Commerce Place, 10155 - 102nd Street, Edmonton, Alberta T5J 4G8 (CA).

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

(11) **WO 98/41096** (13) A1

(21) PCT/US98/05494

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/042,540 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A01N 65/00**

(54) ● HERBAL EXTRACT COMPOSITION AND METHOD OF MAKING THE SAME
● COMPOSITION A BASE D'EXTRAITS D'HERBES ET SON PROCEDE DE PREPARATION

(71, 72) **D'JANG, Arthur, H., K.** [US/US]; 13961 Sisson Highway, Collins, NY 14034 (US).

(74) **KADLE, Ranjana** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).

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

(11) **WO 98/41097** (13) A2

(21) PCT/US98/05547

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9705746.7 (32) **20 Mar/mar 1997 (20.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A21D**

(54) ● FOOD RHEOLOGY IMPROVEMENTS
● CARACTERISTIQUES RHEOLOGIQUES AMELIOREES DE PRODUITS ALIMENTAIRES

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

(72) **LIVERMORE, Martin**; 17A West End, Whitteford, Cambridge CB2 4LX (GB). **FRAZIER, Peter, John**; 5 Scotts Close, Hilton, Huntingdon, Cambridgeshire PE18 9PQ (GB). **FITCHETT, Colin, Stanley**; 13 Sedgwick Street, Cambridge CB1 3AJ (GB). **FORGÉ, Charles, Douglas**; 37 The Oaks, Milton, Cambridge CB4 6ZG (GB).

(74) **MAJARIAN, William, R.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(11) **WO 98/41098** (13) A1

(21) PCT/FI98/00227

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fi (26) en

(31) 9711119 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A21D 8/06, A21C 11/04, A21D 13/00**

(54) ● PROCESS FOR THE MANUFACTURE OF DRY BAKED PRODUCTS
● PROCEDE DE FABRICATION DE PRODUITS CUIITS SECS

(71) **VAASANMYLLY OY** [FI/FI]; Kyllikinportti 2, FIN-00240 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REINIKAINEN, Antero** [FI/FI]; Kymenlaaksonkatu 7 E 53, FIN-48100 Kotka (FI). **HAARASILTA, Sampsa** [FI/FI]; Louhentie 9 B, FIN-04200 Kerava (FI). **REINIKAINEN, Kauko** [FI/FI]; Simpukkatie 36, FIN-48310 Kotka (FI). **PÖNTINEN, Erkki** [FI/FI]; Yläkatu 6, FIN-48700 Kymminlinna (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/41099** (13) A1

(21) PCT/FI98/00228

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fi (26) en

(31) 9711119 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A21D 8/06, A21C 11/04, A21D 13/00**

(54) ● PROCESS FOR THE MANUFACTURE OF DRY BAKED PRODUCTS
● PROCEDE DE FABRICATION DE PRODUITS CUIITS SECS

(71) **VAASANMYLLY OY** [FI/FI]; Kyllikinportti 2, FIN-00240 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REINIKAINEN, Antero** [FI/FI]; Kymenlaaksonkatu 7 E 53, FIN-48100 Kotka (FI). **HAARASILTA, Sampsa** [FI/FI]; Louhentie 9 B, FIN-04200 Kerava (FI). **REINIKAINEN, Kauko** [FI/FI]; Simpukkatie 36, FIN-48310 Kotka (FI). **PÖNTINEN, Erkki** [FI/FI]; Yläkatu 6, FIN-48700 Kymminlinna (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/41100** (13) A1

(21) PCT/FR98/00348

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) fr (26) fr

(31) 97/03516 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A22C 17/00**

(54) ● MACHINE FOR THE AUTOMATIC PRODUCTION OF MEAT OR VEGETABLE BROCHETTES SPITTED ON WOODEN PICKS IN PARTICULAR
● MACHINE POUR LA FABRICATION AUTOMATIQUE DE BROCHETTES DE VIANDE OU DE LEGUMES ENFILEES SUR DES PIQUES EN BOIS NOTAMMENT

(71, 72) **EMSENS, Michel** [FR/FR]; Z.A. du Parc, F-42490 Fraisses (FR).

(74) **THIVILLIER, Patrick** et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale 203, F-42005 Saint Etienne Cedex (FR).

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

(11) **WO 98/41101** (13) A1

(21) PCT/JP98/01080

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/81856 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(31) 9/315945 (32) **30 Oct/oct 1997 (30.10.1997)** (33) JP

(31) 9/315946 (32) **30 Oct/oct 1997 (30.10.1997)** (33) JP

(31) 9/364657 (32) **17 Dec/déc 1997 (17.12.1997)** (33) JP

(31) 9/364658 (32) **17 Dec/déc 1997 (17.12.1997)** (33) JP

(31) 9/364659 (32) **17 Dec/déc 1997 (17.12.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23B 4/20, A23L 1/314**

(54) ● MEAT QUALITY IMPROVER
● PRODUIT POUR AMELIORER LA QUALITE DE LA VIANDE

(71) **TAIYO KAGAKU CO., LTD.** [JP/JP]; 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIKAWA, Kuniaki** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **MURAKI, Toshiyuki** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **MORIMOTO, Eriko** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **KOBAYASHI, Masato** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **HAGI, Takashi** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **HATTA, Hajime** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **YAMAZAKI, Yoshifumi** [JP/JP]; Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP).

(74) **HOSODA, Yoshinori**; Hosoda International Patent Office, Otemae M2 Building, 8-1, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

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

(11) **WO 98/41102** (13) A1

(21) PCT/SE98/00413

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 9700928-6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23C 3/02**

(54) ● A METHOD OF PRODUCING UHT MILK WITH IMPROVED FLAVOUR QUALITIES
● PROCEDE AMELIORE DE PRODUCTION DE LAIT UHT AYANT DE MEILLEURES QUALITES GUSTATIVES

(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) **LINDQUIST, Anders** [SE/SE]; Älgövägen 14, S-257 31 Helsingborg (SE). **MALMGREN, Bozena** [SE/SE]; Älgskyttevägen 17, S-226 53 Lund (SE).

(74) **BRUNNSTRÖM, Gunilla**; AB Tetra Pak, Patent Dept., Ruben Rausing's gata, S-221 86 Lund (SE).

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

(11) **WO 98/41103** (13) A1

(21) PCT/BE98/00036

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705456.3 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23C 9/123, 9/15, 9/12**

(54) ● FERMENTED MILK PRODUCT PRODUCTION PROCESS

● PROCEDE DE PRODUCTION DE PRODUIT LAITIER FERMENTE

(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) **MARSHALL, Colin** [GB/GB]; Sebastian Plasteks Lane, Wigton, Cumbria CA7 9ES (GB). **SEALBY, Lesley** [GB/GB]; 11 Gable Avenue, Cockermouth, Cumbria CA13 9BU (GB). **TAYLOR, Lewis** [GB/GB]; 4 Gleneagle Close, Chippenham, Wiltshire SN15 3XL (GB).

(74) **DEBLED, Thierry**; Rue d'Anderlecht 33, B-1620 Drogenbos (BE).

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

(11) **WO 98/41104** (13) A1

(21) PCT/US98/05240

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,353 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23F 3/00, A47J 31/00**

(54) ● MICROWAVABLE BEVERAGE MAKER
● DISPOSITIF DE FABRICATION DE BOISSONS AU FOUR A MICRO-ONDES

(71) **MICRO LUNGO, INC.** [US/US]; 6137 N. Harlem Avenue, Chicago, IL 60631 (US).

(72) **ORRICO, Mario**; 6137 North Harlem Avenue, Chicago, IL 60631 (US). **FARHADIEH, Rou**; 352 63rd Street, Willowbrook, IL 60514 (US). **AVRAMOVICH, Rudy**; 125 East Sunnyside Avenue, Libertyville, IL 60048 (US). **KOFORD, Stuart**; 19W281 Pully Revere Lane, Oak Brook, IL 60521 (US). **RIDDELL, Robert**; 5520 Churchill Lane, Libertyville, IL 60048 (US).

(74) **VOGLER, Gregory, J.** et al. / etc.; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 W. Madison, Chicago, IL 60661 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41105** (13) A1

(21) PCT/EP98/01359

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 0615/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CH

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23G 3/00, 3/20**

(54) ● A FOOD PRODUCT WITH A FILLING AND A METHOD OF PRODUCING IT

● PRODUIT ALIMENTAIRE FOURRE ET PROCEDE DE FABRICATION DE CE PRODUIT

(71) **SOREMARTEC S.A.** [BE/BE]; Drève de l'Arc-en-Ciel 102, B-6700 Schoppach-Arlon (BE).
(for all designated States except / pour tous les États désignés sauf DE IT US)

(71) **FERRERO S.P.A.** [IT/IT]; Piazzale Pietro Ferrero, 1, I-12051 Alba (IT).
(only for / seulement pour IT)

(71) **FERRERO OFFENE HANDELSGESELLSCHAFT MBH** [DE/DE]; Hainer Weg 120, D-60599 Frankfurt am Main 70 (DE).
(only for / seulement pour DE)

(72, 75) **ROSSO, Renato** [IT/IT]; Strada Rorine, 40, I-12051 Alba (IT).

(74) **BOSOTTI, Luciano** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

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

Published / Publiée : (c)

(11) **WO 98/41106** (13) A2

(21) PCT/EP98/01575

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 97301733.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) GB et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A23G 9/00**

(54) ● FROZEN FOOD PRODUCT

● PRODUIT ALIMENTAIRE CONGELE

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)

(72) **DARLING, Donald, Frank**; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB). **HODDLE, Andrew**; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB).

(74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).

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

- (11) **WO 98/41107** (13) A1
 (21) PCT/EP98/01576
 (22) **12 Mar/mar 1998 (12.03.1998)**
 (25) en (26) en
 (31) 97301719.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP
 (34) GB et al. / etc.
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23G 9/00, 9/02, A23L 3/37**
 (54) ● FROZEN FOOD PRODUCT
 ● PRODUIT ALIMENTAIRE CONGELE
 (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)
 (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)
 (72) **SMALLWOOD, Keith**; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB).
 (74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).
 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41108** (13) A1
 (21) PCT/US98/05413
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 60/041,014 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23G 9/00, 9/02, A23C 11/00**
 (54) ● POURABLE DESSERT LIQUID PRODUCT
 ● PRODUIT LIQUIDE DE DESSERT POUVANT ETRE VERSE
 (71) **RICH PRODUCTS CORPORATION** [US/US]; 1150 Niagara Street, Buffalo, NY 14213 (US).
 (72) **HUSSEIN, Ahmed**; Kalar Road, Niagara Falls, Ontario L2H 2T4 (CA).
 (74) **DeLUCIA, Richard, L.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
 (81) BR CA MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41109** (13) A1
 (21) PCT/EP98/01577
 (22) **12 Mar/mar 1998 (12.03.1998)**
 (25) en (26) en
 (31) 97301719.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

- (34) AT et al. / etc.
 (31) 9717204.3 (32) **13 Aug/août 1997 (13.08.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23G 9/02, A23L 3/37**
 (54) ● FROZEN FOOD PRODUCT CONTAINING ANTI-FREEZE PEPTIDES
 ● PRODUIT ALIMENTAIRE CONGELE REN-FERMANT DES PEPTIDES ABAISSANT LE POINT DE CONGELATION
 (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)
 (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB IE KE LK LS MN MW NZ SD SG SZ TT UG)
 (72) **FENN, Richard, Anthony**; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB).
INGMAN, Simon, John; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB).
SMALLWOOD, Keith; Unilever Research Colworth, Colworth House, Sharnbrook MK44 1LQ (GB).
 (74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).
 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41110** (13) A1
 (21) PCT/US98/05088
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/820,456 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23K 1/00, 1/175**
 (54) ● PROTEIN PROTECTED ANIMAL FEED
 ● ALIMENTS POUR ANIMAUX A PROTEINES PROTEGEES
 (71) **DARLING INTERNATIONAL INC.** [US/US]; Suite 300, 251 O'Connor Ridge Boulevard, Irving, TX 75038 (US).
 (72) **COALSON, James, Arthur**; 2712 Aberdeen, Flower Mound, TX 75028 (US).
HAMILTON, Calvin, Ross; 2801 Pond Wood Drive, Flower Mound, TX 75028 (US).
 (74) **BLOOM, Allen**; Dechert Price & Rhoads, P.O. Box 5218, Princeton, NJ 08543-5218 (US).
 (81) CA MX.

Published / Publiée : (c)

- (11) **WO 98/41111** (13) A1
 (21) PCT/US98/05546
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en

- (31) 9705746.7 (32) **20 Mar/mar 1997 (20.03.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23L 1/0522, 1/39, A21D 2/18**
 (54) ● STARCH WITH REDUCED AMYLOSE CONTENT
 ● AMIDON PRESENTANT UNE TENEUR LIMITEE EN AMYLOSE
 (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
 (72) **LIVERMORE, Martin**; 17A West End, Whittlesford, Cambridge CB2 4LX (GB).
FRAZIER, Peter, John; 5 Scotts Close, Hilton, Huntingdon, Cambridgeshire PE18 9PQ (GB).
FITCHETT, Colin, Stanley; 13 Sedgwick Street, Cambridge CB1 3AJ (GB).
FORGE, Charles, Douglas; 37 The Oaks, Milton, Cambridge CB4 6ZG (GB).
 (74) **MAJARIAN, William, R.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41112** (13) A1

(21) PCT/US98/05548

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

- (31) 9705746.7 (32) **20 Mar/mar 1997 (20.03.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23L 1/0522, A21D 2/18**
 (54) ● NON-RETROGRADING STARCH IN FOOD PRODUCTS
 ● AMIDON NE SUBISSANT PAS DE RETROGRADATION DANS DES PRODUITS ALIMENTAIRES
 (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
 (72) **LIVERMORE, Martin**; 17A West End, Whittlesford, Cambridge CB2 4LX (GB).
FRAZIER, Peter, John; 5 Scotts Close, Hilton, Huntingdon, Cambridgeshire PE18 9PQ (GB).
FITCHETT, Colin, Stanley; 13 Sedgwick Street, Cambridge CB1 3AJ (GB).
FORGE, Charles, Douglas; 37 The Oaks, Milton, Cambridge CB4 6ZG (GB).
 (74) **MAJARIAN, William, R.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41113** (13) A2
 (21) PCT/IT98/00049
 (22) **10 Mar/mar 1998 (10.03.1998)**
 (25) en (26) en
 (31) RM97A000155 (32) **20 Mar/mar 1997 (20.03.1997)** (33) IT
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23L 1/30, 1/302**
 (54) ● MEDICAL FOOD FOR DIABETICS
 ● ALIMENT DIETETIQUE POUR DIABETIQUES
 (71) **SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.** [IT/IT]; Viale Shakespeare, 47, I-00144 Rome (IT).
 (72) **CAVAZZA, Claudio**; Piazza Campitelli, 2, I-00186 Rome (IT).
 (74) **SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.**; Viale Shakespeare, 47, I-00144 Rome (IT).
 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41114** (13) A1
 (21) PCT/US98/05335
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 08/820,585 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23L 1/308, A21D 2/18**
 (54) ● POLYDEXTROSE AS A FAT ABSORPTION INHIBITOR IN FRIED FOODS
 ● POLYDEXTROSE UTILISE COMME INHIBITEUR D'ABSORPTION DE GRAISSE DANS DES ALIMENTS FRITS
 (71, 72) **KILIBWA, Margaret** [KE/US]; 430 Saw Mill River Road, Ardsley, NY 10502 (US).
 (74) **ROCHE, Richard, T.** et al. / etc.; Baker & McKenzie, One Prudential Plaza, 130 E. Randolph Drive, Chicago, IL 60601 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41115** (13) A1
 (21) PCT/JP98/01114
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) ja (26) ja
 (31) 9/63021 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

- (31) 9/218652 (32) **13 Aug/août 1997 (13.08.1997)** (33) JP
 (31) 9/323624 (32) **25 Nov/nov 1997 (25.11.1997)** (33) JP
 (31) 9/336163 (32) **5 Dec/déc 1997 (05.12.1997)** (33) JP
 (31) 9/360955 (32) **26 Dec/déc 1997 (26.12.1997)** (33) JP
 (31) 10/33194 (32) **16 Feb/fév 1998 (16.02.1998)** (33) JP
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A23L 3/365, 3/26, A47J 37/12, A01N 1/02, 3/00**
 (54) ● METHOD AND EQUIPMENT FOR TREATING ELECTROSTATIC FIELD AND ELECTRODE USED THEREIN
 ● PROCEDE ET EQUIPEMENT DE TRAITEMENT DE CHAMP ELECTROSTATIQUE ET ELECTRODE UTILISEE DANS CELUI-CI
 (71, 72) **ITO, Akinori** [JP/JP]; Room 202, Rose-Garden, 14-5, Takamatsu 1-chome, Nerima-ku, Tokyo 179-0075 (JP).
 (74) **ISHIKAWA, Yasuo**; Park Shiba Building, 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
 (81) AU CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41116** (13) A1
 (21) PCT/US98/05271
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 08/821,668 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A24F 15/00, B65D 85/10, 81/28, 81/26, 30/08, 81/38, 33/01, F17C 11/00, B32B 23/02, B27N, B29D 22/00, A21D 10/02, A23B**
 (54) ● STORAGE BAG WITH MOISTURE EMITTING PAD
 ● SAC DE CONSERVATION A TAMPON HUMIDIFIANT
 (71, 72) **YEAGER, James, Worth** [US/US]; 505 Cumberland Road East, Mobile, AL 36608 (US).
 (72, 75) **GONZALES, Edward, Bruce** [US/US]; 5966 Shenandoah Road South, Mobile, AL 36608 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41117** (13) A1
 (21) PCT/US98/05002
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 08/818,351 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A41C 1/10, 1/02**

- (54) ● POST-PREGNANCY COMPRESSION GARMENT
 ● VETEMENT COMPRESSIF DE MATERNITE
 (71, 72) **ROSENBERG, Jennifer** [US/US]; 3208 N.W. 63rd Street, Boca Raton, FL 33496 (US).
 (74) **SLAVIN, Michael, A.**; McHale & Slavin, P.A., Suite 402, 4440 PGA Boulevard, Palm Beach Gardens, FL 33410 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41118** (13) A1
 (21) PCT/US98/04473
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) en (26) en
 (31) 08/818,050 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A41D 13/00**
 (54) ● FLEXIBLE LIGHTWEIGHT PROTECTIVE PAD WITH ENERGY ABSORBING INSERTS
 ● COUSSINET DE PROTECTION SOUPLE ET LEGER DOTE D'ELEMENTS RAPPORTES AMORTISSEURS
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **TOMS, Douglas**; 4322 Tower Avenue, Cincinnati, OH 45217 (US). **WNUK, Andrew, Julian**; 450 Hidden Valley Lane, Wyoming, OH 45215 (US). **COLLIAS, Dimitris, Ioannis**; 4952 Lord Alfred Court, Cincinnati, OH 45241 (US).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41119** (13) A2
 (21) PCT/AT98/00070
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) de (26) de
 (31) GM 168/97 (32) **19 Mar/mar 1997 (19.03.1997)** (33) AT
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A41D 25/00**
 (54) ● NECK BAND
 ● BANDE SE PORTANT AUTOUR DU COU
 (71, 72) **SCHIMPF, Ernst** [AT/AT]; Schulstrasse 31, A-2170 Poysdorf (AT).

- (74) **KOPECKY, Helmut** et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).
- (81) CN (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) GB JP (Utility model / modèle d'utilité) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41120** (13) A1

(21) PCT/US97/03704

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A42B 3/18**

- (54) ● MULTIPURPOSE BANDANNA-TYPE ARTICLE
● ARTICLE DE TYPE FOULARD A USAGES MULTIPLES

(71, 72) **BRENNAN, Michael, K.** [US/US]; 141-33 13th Avenue, Whitestone, NY 11357-2316 (US).

(74) **KROLL, Michael, I.**; 171 Stillwell Lane, Syosset, NY 11791 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41121** (13) A1

(21) PCT/EP98/01157

(22) **2 Mar/mar 1998 (02.03.1998)**

(25) en (26) en

(31) VE97U000017 (32) **17 Mar/mar 1997 (17.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A43C 11/14**

- (54) ● FASTENING DEVICE OF LEVER TOOTHED STRAP TYPE FOR SPORTS FOOTWEAR IN GENERAL
● DISPOSITIF DE FIXATION DU TYPE A BANDE DENTEE ET LEVIER POUR DES CHAUSSURES DE SPORT EN GENERAL

(71) **EVEREST S.P.A.** [IT/IT]; Via Degli Artigiani, 7, I-31035 Crocetta del Montello (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTIGNAGO, Dino** [IT/IT]; Via Bassanese, 77, I-31010 Maser (IT).

(74) **PIOVESANA, Paolo**; Corso del Popolo, 70, I-30172 Venezia Mestre (IT).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41122** (13) A1

(21) PCT/JP97/00843

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A45D 40/00, 40/04, 40/12, B65D 83/00**

- (54) ● CONTAINER FOR LETTING OUT ROD-LIKE CONTENT

- CONTENEUR SERVANT A LIBERER UN CONTENU EN FORME DE TIGE

(71) **HOKOKU PLASTICS MFG., CO., LTD.** [JP/JP]; 15-8, Kashidahonmachi, Higashiosaka-shi, Osaka 577 (JP). **ROHTO PHARMACEUTICAL CO., LTD.** [JP/JP]; 8-1, Tatsumi Nishi 1-chome, Ikuno-ku, Osaka-shi, Osaka 544 (JP).

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

(72, 75) **YAMANAKA, Yasuhiro** [JP/JP]; Hokoku Plastics Mfg., Co., Ltd., 15-8, Kashidahonmachi, Higashiosaka-shi, Osaka 577 (JP). **KURUMADA, Toshiki** [JP/JP]; 17-50-A212, Tanou 4-chome, Amagasaki-shi, Hyogo 661 (JP). **MIYAGAWA, Koji** [JP/JP]; Hokoku Plastics Mfg., Co., Ltd., 15-8, Kashidahonmachi, Higashiosaka-shi, Osaka 577 (JP). **FUKUNAGA, Kenji** [JP/JP]; 7-27, Kita Aobadai, Kawachinagano-shi, Osaka 586 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41123** (13) A1

(21) PCT/US97/04204

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A47B 81/02**

- (54) ● TOOTHBRUSH HOLDER
● SUPPORT POUR BROSSE A DENTS

(71, 72) **TOOMA, William** [US/US]; 41 Allan Drive, North Arlington, NJ 07031 (US).

(74) **SUDOL, R., Neil**; McAulay Fisher Nissen Goldberg & Kiel, LLP, 261 Madison Avenue, New York, NY 10016 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41124** (13) A2

(21) PCT/AT98/00063

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) de (26) de

(31) A 445/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AT

(31) GM 541/97 (32) **3 Sep/sep 1997 (03.09.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A47B 88/00**

- (54) ● GUIDE FITTINGS FOR PULLING OUT DRAWERS

- GARNITURE DE GUIDAGE DU DEPLACEMENT DE SORTIE POUR TIROIRS

(71) **JULIUS BLUM GESELLSCHAFT MBH** [AT/AT]; Industriestrasse 1, A-6973 Höchst (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GASSER, Ingo** [AT/AT]; Waldstrasse 47b, A-6973 Höchst (AT).

(74) **TORGLER, Paul** et al. / etc.; Wilhelm-Greilstrasse 16, A-6020 Innsbruck (AT).

(81) AU CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41125** (13) A1

(21) PCT/US98/05266

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,305 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A47B 88/00**

- (54) ● IMPROVED DRAWER SLIDE
● GLISSIERE A TIROIR AMELIOREE

(71) **ACCURIDE INTERNATIONAL INC.** [US/US]; 12311 Shoemaker Avenue, Santa Fe Springs, CA 90670 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CABRALES, Rahl, F.** [US/US]; Apartment 321, 2623 East Yorba Linda Boulevard, Fullerton, CA 92831 (US). **CAMMACK, Robert, J.** [US/US]; 17836 Santa Anita Circle, Fountain Valley, CA 92708 (US).

(74) **WARD, Richard, J., Jr.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41126** (13) A1

(21) PCT/US98/05154

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,818 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A47C 7/14, B64D 25/02**

- (54) ● PASSIVE PRESSURE CONTROL OF SEAT CUSHION AND BACK FOR AIRLINE SEAT
● REGULATION DE LA PRESSION PASSIVE DE COUSSIN ET DE DOSSIER DE SIEGE POUR SIEGE D'AVION

(71) **McCORD WINN TEXTRON INC.** [US/US]; 645 Harvey Road, Manchester, NH 03103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HABA, Anthony, R., II** [US/US]; 6 Morning Star Drive, Stratham, NH 03885 (US).

(74) **JONES, Eric, T.**; Reising, Ethington, Learman & McCulloch, PLLC, P.O. Box 4390, Troy, MI 48099-4390 (US).

(81) CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41127** (13) A1
 (21) PCT/CA98/00216
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 08/818,843 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
 (31) 2,231,956 (32) **11 Mar/mar 1998 (11.03.1998)** (33) CA
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47C 23/04, 27/06**
 (54) ● IMPROVED COIL SPRING UNIT AND BASE SUPPORT
 ● ENSEMBLE RESSORTS A BOUDIN ET SUPPORT DE BASE
 (71, 72) **EADY, Donald, G.** [NZ/CA]; 4347 Erwin Drive, West Vancouver, British Columbia V7P 1H7 (CA).
 (74) **UREN, John, Russell;** Suite #202, 1590 Bellevue Avenue, West Vancouver, British Columbia V7V 1A7 (CA).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41128** (13) A1
 (21) PCT/FR98/00549
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) fr (26) fr
 (31) 97/03331 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47C 27/10, 27/08**
 (54) ● METHOD AND APPARATUS FOR QUICK SUBSTANTIALLY COMPLETE DEFLATING AND EMPTYING OF AN INFLATABLE CHAMBER, IN PARTICULAR A SUPPORT DEVICE CHAMBER SUCH AS A MATTRESS
 ● PROCEDE ET APPAREIL DE DEGONFLAGE RAPIDE ET DE VIDAGE SENSIBLEMENT TOTAL D'UNE CHAMBRE GONFLABLE, EN PARTICULIER UNE CHAMBRE D'UN DISPOSITIF DE SUPPORT, TEL QU'UN MATELAS
 (71) **SUPPORT SYSTEMS INTERNATIONAL INDUSTRIES** [FR/FR]; Parc Euromédecine, 188, rue du Caducée, F-34195 Montpellier Cedex 5 (FR).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VIARD, Jean-Louis** [FR/FR]; 3, Les Cigales, F-34790 Grabels (FR).
 (74) **PORTAL, Gérard** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41129** (13) A1
 (21) PCT/US97/15152
 (22) **28 Aug/août 1997 (28.08.1997)**
 (25) en (26) en
 (31) 08/819,450 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47D 7/01**
 (54) ● QUADRANTAL CRIB
 ● BERCEAU EN QUART DE CERCLE
 (71, 72) **OPHEIM, Don, G.** [US/US]; Route 1, Box 649-A, Lubbock, TX 79401 (US). **OPHEIM, Sue, R.** [US/US]; Route 1, Box 649-A, Lubbock, TX 79401 (US).
 (74) **LITMAN, Richard, C.;** Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215-0035 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41130** (13) A1

- (21) PCT/IT97/00103
 (22) **8 May/mai 1997 (08.05.1997)**
 (25) en (26) en
 (31) RM97A000153 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IT
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47H 1/102, A47K 3/22**
 (54) ● A DEVICE FOR A WALL SUPPORT FOR CURTAINS AND OTHER JUTTING STRUCTURES
 ● DISPOSITIF SUPPORT A FIXER SUR UN MUR, POUR RIDEAUX ET AUTRES STRUCTURES EN SAILLIE
 (71, 72) **DAVELLI, Giuseppe** [IT/IT]; Via E. Modestino, 16/A, I-00175 Roma (IT).
 (74) **MASCIOLI, Alessandro;** Via Urbana, 20, I-00184 Roma (IT).
 (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41131** (13) A1

- (21) PCT/EP97/01294
 (22) **14 Mar/mar 1997 (14.03.1997)**
 (25) de (26) de
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47J 31/08**
 (54) ● FILTERING DEVICE, FILTERING ELEMENT AND METHOD FOR PRODUCING SAID FILTERING ELEMENT FOR MAKING BOILED BEVERAGES
 ● DISPOSITIF FILTRANT, ELEMENT FILTRANT ET PROCEDE DE FABRICATION DE L'ELEMENT FILTRANT SERVANT A LA PREPARATION DE BOISSONS INFUSEES

- (71) **BRAUN AKTIENGESELLSCHAFT** [DE/DE]; Frankfurt am Main (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BIELFELDT, Uwe** [DE/DE]; E.-M.-Arndt-Strasse 5, D-61476 Kronberg (DE). **KLEEMANN, Christof** [DE/DE]; Schöne Aussicht 1, D-61476 Kronberg (DE). **STÜCHER, Reinhard** [DE/DE]; Eicher Feldstrasse 13, D-57258 Freudenberg (DE). **TREBITZ, Bernd** [DE/DE]; Am Grasweg 16, D-35510 Butzbach (DE). **EMMERICH, Horst** [DE/DE]; Buchenweg 21, D-65760 Eschborn (DE). **FRIEDRICH, Dieter** [DE/DE]; Hauptstrasse 159, D-65817 Eppstein (DE). **ZIESCH, Christian** [DE/DE]; Dieffenbachstrasse 1, D-61169 Friedberg (DE). **GLIEMROTH, Frank** [DE/DE]; Sossenheimer Weg 45, D-65824 Schwalbach (DE). **FRANKE, Helmut** [DE/DE]; Grosse Lache 11, D-61273 Wehrheim (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41132** (13) A1

- (21) PCT/US98/05539
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 08/821,219 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47J 31/30, 31/00**
 (54) ● COFFEE GRINDER AND MAKER
 ● APPAREIL SERVANT A MOUDRE ET A FAIRE LE CAFE
 (71) **CONAIR CORPORATION** [US/US]; 1 Cummings Point Road, Stamford, CT 06904 (US).
 (72) **MULLE, Theodore;** 40 Van Car Road, New Milford, CT 06776 (US).
 (74) **KOFFSKY, David, N.;** Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41133** (13) A1

- (21) PCT/US98/05259
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 08/816,802 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A47K 1/08**
 (54) ● RIMMED CONTAINER MOUNTING ASSEMBLY AND METHOD

- ENSEMBLE ET PROCEDE DE MONTAGE POUR RECIPIENT A BOURRELET
- (71) **RBI, AN ALASKAN LIMITED PARTNERSHIP** [US/US]; 5792 Poppy Seed Drive, Belews Creek, NC 27009 (US).
- (72) **CRACE, J., Timothy**; 5792 Poppy Seed Drive, Belews Creek, NC 27009 (US).
- (74) **CAHN, Maurice, U.**; Cahn & Samuels, LLP, Suite 200, 2000 P Street, N.W., Washington, DC 20036 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41134** (13) A1
(21) PCT/FI98/00221
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) fi (26) en
(31) 971115 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A47K 3/12, B29C 45/14**
- (54) ● METHOD OF PRODUCING A MAT FOR WET AREAS
● PROCEDE DE FABRICATION D'UN MAT POUR ZONES HUMIDES
- (71) **SANDUDD OY** [FI/FI]; Kurvolantie 5 C, FIN-37800 Toijala (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALONEN, Jukka** [FI/FI]; Jokiniementie 11, FIN-37800 Toijala (FI).
- (74) **OY HEINÄNEN AB**; Annankatu 31-33 C, FIN-00100 Helsinki (FI).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41135** (13) A1
(21) PCT/EP98/01492
(22) **14 Mar/mar 1998 (14.03.1998)**
(25) de (26) de
(31) 197 11 308.7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(31) 198 05 039.9 (32) **9 Feb/fév 1998 (09.02.1998)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A47K 4/00**
- (54) ● BUILT-IN SANITARY FURNITURE UNIT
● MEUBLE SANITAIRE ENCASTRE
- (71, 72) **STAUDENMAYER, Winfried** [DE/DE]; Brühlstrasse 40, D-73084 Salach (DE).
- (74) **STEIMLE, Josef**; Dreiss, Fuhlendorf, Steimle & Becker, Gerokstrasse 6, D-70188 Stuttgart (DE).
- (81) CZ PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41136** (13) A2
(21) PCT/US98/05302
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 08/820,986 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A47K 13/00, E03D 11/00**
- (54) ● ENERGY TRANSFERRING TOILET SEAT
● LUNETTE DE WC A TRANSFERT D'ENERGIE
- (71, 72) **MOSER, Scott, A.** [CA/US]; 7248 Fay Avenue, La Jolla, CA 92037 (US).
- (74) **WELSH, John, L.**; Aquilino & Welsh, P.C., Suite 503, 2121 Crystal Drive, Arlington, VA 22202 (US).
- (81) AL AU BB BG BR CA CN CZ EE FI GE IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41137** (13) A1
(21) PCT/US98/04783
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) en (26) en
(31) 08/819,782 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 1/12, 1/267**
- (54) ● ENDOSCOPE VIEWING SYSTEM WITH OROTRACHEAL INTRODUCING GUIDE
● SYSTEME DE VISUALISATION A ENDOSCOPE DOTE D'UN GUIDE D'INTRODUCTION ORO-TRACHEAL
- (71) **PARKER MEDICAL LIMITED PARTNERSHIP** [US/US]; 2121 Herrick Avenue, Cincinnati, OH 45208 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARKER, Jeffrey, D.** [US/US]; 2219 Grandin Road, Cincinnati, OH 45208 (US).
- (74) **GROSSMAN, Kurt, L.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41138** (13) A1
(21) PCT/US98/04290
- (22) **4 Mar/mar 1998 (04.03.1998)**
(25) en (26) en
(31) 08/818,272 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 3/032, 3/04**
- (54) ● VISION TESTER
● APPAREIL D'EXAMEN DE LA VUE
- (71) **DIVERSIFIED PRODUCTS, INC.** [US/US]; 2554 Industry Lane, Norristown, PA 19403 (US).
- (72) **LIEBERS, Steven, B.**; 2554 Industry Lane, Norristown, PA 19403 (US). **LIEBERS, Boris, B.**; Livne Street 32, 4485 Alfe Menashe (IL).
- (74) **COHEN, Stanley, H.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103-2212 (US).
- (81) AU CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41139** (13) A1
(21) PCT/US98/03301
(22) **18 Feb/fév 1998 (18.02.1998)**
(25) en (26) en
(31) 08/818,218 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 5/00**
- (54) ● SYSTEM FOR MULTI-SITE SKIN TESTING AND COMPONENTS THEREOF
● SYSTEME DE TEST CUTANE A EMBLEMES MULTIPLES ET COMPOSANTS DE CE DERNIER
- (71) **LINCOLN DIAGNOSTICS, INC.** [US/US]; P.O. Box 1128, Decatur, IL 62525 (US).
- (72) **HEIN, Gary, L.**; R.R. 1, Box 75, Oakley, IL 62552 (US).
- (74) **LOCKWOOD, Fred, S.**; Lockwood, Alex, Fitz-Gibbon & Cummings, Suite 1700, Three First National Plaza, Chicago, IL 60602 (US).
- (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41140** (13) A1
(21) PCT/US98/05200
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/818,912 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 5/00**
- (54) ● HYBRID PROBE FOR TISSUE TYPE RECOGNITION
● SONDE HYBRIDE DE RECONNAISSANCE DE TYPE DE TISSU
- (71) **POLARTECHNICS LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).
- (71, 72) **WUNDERMAN, Irvin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).

(72) **SKLADNEV, Victor**; 1 Russell Street, Vaucluse, NSW 2030 (AU). **THOMPSON, Richard, L.**; Killarney Heights, NSW 2087 (AU). **BULL, David, J.**; 21 Eastcote Road, North Epping, NSW 2121 (AU).

(74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).

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

Published / Publiée : (a)

(11) **WO 98/41141** (13) A1

(21) PCT/US98/05210

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,915 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/00**

(54) ● **GLOVE-MOUNTED HYBRID PROBE FOR TISSUE TYPE RECOGNITION**
● **SONDE HYBRIDE DE RECONNAISSANCE DES TYPES DE TISSUS MONTÉE SUR UN GANT**

(71) **POLARTECHNICS LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).

(71, 72) **THOMPSON, Richard, L.** [US/US]; Killarney Heights, NSW 2087 (AU). **WUNDERMAN, Irwin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).

(72) **SKLADNEV, Victor**; 1 Russell Street, Vaucluse, NSW 2030 (AU). **BULL, David, J.**; 21 Eastcote Road, North Epping, NSW 2121 (AU).

(74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41142** (13) A1

(21) PCT/JP98/01142

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/64991 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/024**

(54) ● **PULSOMETER AND PULSATION INDICATION METHOD**
● **DISPOSITIF DE MESURE DE LA FREQUENCE DU POULS ET PROCEDE D'INDICATION DES PULSATIONS**

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP). **SEIKO INSTRUMENTS INC.** [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOSHIMA, Ichiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **KOSUDA, Tsukasa** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAKAMURA, Chiaki** [JP/JP]; Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-0023 (JP).

(74) **KAWASAKI, Kenji** et al. / etc.; Asahi Patent Office, Yaesumasuya Building, 5th floor, 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41143** (13) A1

(21) PCT/JP98/01128

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/63487 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/0245**

(54) ● **PULSE WAVE DETECTOR AND PULSIMETER**
● **DETECTEUR D'ONDE D'IMPULSION ET PULSOMETRE**

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP). **SEIKO INSTRUMENTS INC.** [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSUDA, Tsukasa** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAKAMURA, Chiaki** [JP/JP]; Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-0023 (JP).

(74) **KAWASAKI, Kenji** et al. / etc.; Asahi Patent Office, Yaesumasuya Building, 5th Fl., 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41144** (13) A1

(21) PCT/US98/04835

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818,739 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/046**

(54) ● **METHOD, SYSTEM AND APPARATUS FOR DETERMINING PROGNOSIS IN ATRIAL FIBRILLATION**
● **METHODE, SYSTEME ET APPAREIL DE DETERMINATION D'UN PRONOSTIC EN FIBRILLATION AURICULAIRE**

(71) **EMORY UNIVERSITY** [US/US]; 1380 S. Oxford Road, Atlanta, GA 30322 (US).

(72) **LANGBERG, Jonathan, J.**; 664 Cresthill Avenue, N.E., Atlanta, GA 30306 (US). **BOLLMANN, Andreas**; B.-Brecht Strasse 12B, D-39120 Magdeburg (DE).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AU CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41145** (13) A1

(21) PCT/US98/04632

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 08/822,604 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/0478, 5/042**

(54) ● **IMPLANTABLE MULTI-ELECTRODE MICRODRIVE ARRAY**
● **GROUPE DE MICRODISPOSITIFS D'EXCITATION A ELECTRODES MULTIPLES IMPLANTABLES**

(71) **ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA** [US/US]; 888 North Euclid Avenue, Tuscon, AZ 85721 (US).

(72) **McNAUGHTON, Bruce, L.**; 5351 N. Calle Estrella, Tuscon, AZ 85749 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41146** (13) A1

(21) PCT/US98/05229

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/039,326 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61B 5/08**

(54) ● **MEANS FOR ANALYZING BREATH WAVIFORMS AS TO THEIR NEUROMUSCULAR RESPIRATORY IMPLICATIONS**
● **MOYENS D'ANALYSE DE FORMES D'ONDE RESPIRATOIRES SELON LEURS CONSEQUENCES NEUROMUSCULAIRES RESPIRATOIRES**

(71) **NIMS, INC.** [US/US]; 1840 West Avenue, Miami Beach, FL 33139 (US).

(72) **SACKNER, Marvin, A.**; 300 West Rivo Alto Drive, Miami Beach, FL 33139 (US). **INMAN, D., Michael**; 759 N.E. 75th Street, Miami, FL 33138 (US).

(74) **FROEBRICH, Alfred, W.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (US).

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Published / Publiée : (c)

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 (21) PCT/US98/05297
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 60/041,594 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (31) 60/042,079 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US
 (31) 09/008,435 (32) **16 Jan/jan 1998 (16.01.1998)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 5/08**
 (54) ● RESPIRATORY CALORIMETER
 ● CALORIMETRE RESPIRATOIRE
 (71, 72) **MAULT, James, R.** [US/US]; 1580 Blakcomb, Evergreen, CO 80439 (US).
 (74) **KRASS, Allen, M.** et al. / etc.; Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009-5394 (US).
 (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41148** (13) A1
 (21) PCT/FI98/00230
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) fi (26) en
 (31) 971117 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 5/087 // G01F 1/40**
 (54) ● MEASURING DETECTOR AND SYSTEM FOR THE MEASUREMENT OF GAS FLOW
 ● DETECTEUR ET SYSTEME DE MESURE DE L'ÉCOULEMENT DE GAZ
 (71) **INSTRUMENTARIUM OY** [FI/FI]; Kuortaneenkatu 2, FIN-00510 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WECKSTRÖM, Kurt** [FI/FI]; Kahisevantie 8 A, FIN-02710 Espoo (FI). **KLEEMOLA, Antti** [FI/FI]; Servin-Maijantie 6 E 74, FIN-02150 Espoo (FI).
 (74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN-00101 Helsinki (FI).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41149** (13) A1
 (21) PCT/US98/04993
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 08/819,676 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 6/00**
 (54) ● SHEATHED PROBES FOR TISSUE TYPE RECOGNITION
 ● SONDES GAINÉES DE RECONNAISSANCE DE TYPE DE TISSU
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- (11) **WO 98/41150** (13) A1
 (21) PCT/US98/05197
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/818,930 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 6/00**
 (54) ● APPARATUS FOR TISSUE TYPE RECOGNITION WITHIN A BODY CANAL
 ● APPAREIL DE RECONNAISSANCE DES TYPES DE TISSUS DANS UN CANAL ANATOMIQUE
 (71) **POLARTECHNICS LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).
 (71, 72) **WUNDERMAN, Irwin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).
 (72) **SKLADNEV, Victor**; 1 Russell Street, Vaucluse, NSW 2030 (AU). **THOMPSON, Richard, L.**; Killarney Heights, NSW 2087 (AU). **BULL, David, J.**; 21 Eastcote Road, North Epping, NSW 2121 (AU).
 (74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41151** (13) A1
 (21) PCT/US98/05199
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/823,660 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 6/00**
 (54) ● DEVICE AND METHOD FOR MEASURING THE POSITION OF A BONE IMPLANT
 ● PROCEDE ET DISPOSITIF DE MESURE DE LA POSITION D'UNE PROTHESE OSSEUSE
 (71, 72) **BERNOSKI, Franciscus, Pieter** [NL/NL]; J.W. Frisohof 18, NL-2517 LA Den Haag (NL).
 (74) **DE BRULIN, Leendert, C.** et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
 (81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41153** (13) A1
 (21) PCT/SE98/00480
 (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) en (26) en
 (31) 9701009-4 (32) **16 Mar/mar 1997 (16.03.1997)** (33) SE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61B 10/00, G01N 33/497**
 (54) ● DEVICE AND METHOD TO OBTAIN REGIONALLY REPRESENTATIVE GASEOUS SAMPLES FROM THE HUMAN GASTRO-INTESTINAL TRACT USED IN THE DIAGNOSIS OF GASTROINTESTINAL DISEASE
 ● DISPOSITIF ET PROCEDE PERMETTANT DE COLLECTER DANS LE TRACTUS GASTRO-INTESTINAL D'UN INDIVIDU DES ÉCHANTILLONS GAZEUX REPRESENTATIFS D'UNE REGION QU'ON UTILISE

- POUR DIAGNOSTIQUER UNE MALADIE GASTRO-INTESTINALE
- (71) **A+ SCIENCE INVEST AB** [SE/SE]; Erik Dahlbergsgatan 11 B, S-411 26 Göteborg (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PETERSSON, Anders** [SE/SE]; Knaverstad 13066, S-442 97 Kode (SE). **FÄNDRIKS, Lars** [SE/SE]; Askims Ångsväg 14, S-436 40 Askim (SE). **ÅNEMAN, Anders** [SE/SE]; Norra Flundregatan 4, S-426 58 Västra Frölunda (SE).
- (74) **AWAPATENT AB**; P.O. Box 11394, S-404 28 Göteborg (SE).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41154** (13) A1
(21) PCT/US98/05661
(22) **20 Mar/mar 1998 (20.03.1998)**
(25) en (26) en
(31) 60/042,054 (32) **20 Mar/mar 1997 (20.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/08, 17/02**
(54) ● BIODEGRADABLE TISSUE RETRACTOR
● ECARTEUR BIODEGRADABLE DE TISSUS
- (71) **FOCAL, INC.** [US/US]; 4 Maquire Road, Lexington, MA 02173 (US).
- (72) **POFF, Bradley, C.**; 8 Somerset Place, Chelmsford, MA 01824 (US). **HERMAN, Stephen, J.**; 50 Sunset Rock Road, Andover, MA 01810 (US). **PICHON, Dean, M.**; 20 Belton Street, Arlington, MA 02174 (US). **SAWHNEY, Amarpreet, S.**; 164 Springs Road, Bedford, MA 01730 (US).
- (74) **OYER, Timothy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AU BR CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41155** (13) A1
(21) PCT/US98/02982
(22) **17 Feb/fév 1998 (17.02.1998)**
(25) en (26) en
(31) 08/821,088 (32) **20 Mar/mar 1997 (20.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/20**
(54) ● ULTRASONIC ALTERNATIVE TO LASER-BASED PHOTODYNAMIC THERAPY
● THERAPIE PHOTODYNAMIQUE PAR ULTRASONS, ALTERNATIVE D'UNE THERAPIE LASER
- (71) **BROWN UNIVERSITY RESEARCH FOUNDATION** [US/US]; 42 Charlesfield Street, Providence, RI 02912 (US).
- (72) **LAWANDY, Nabil, M.**; 169 Eastwick Avenue, North Kingston, RI 02853 (US).
- (74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41156** (13) A1
(21) PCT/US98/05215
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 60/040,854 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/36, A01N 1/02**
(54) ● THE USE OF CRYOPROTECTIVE AGENT COMPOUNDS DURING CRYOSURGERY
● UTILISATION DE COMPOSES RENFERMANT UN AGENT CRYOPROTECTEUR PENDANT UNE OPERATION DE CRYOCHIRURGIE
- (71, 72) **RUBINSKY, Boris** [US/US]; 1619 Sonoma Avenue, Albany, CA 94707 (US).
- (74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AU CA IL JP; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41157** (13) A1
(21) PCT/US98/05216
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 60/040,859 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/36**
(54) ● FREEZING METHOD FOR CONTROLLED REMOVAL OF FATTY TISSUE BY LIPOSUCTION
● PROCEDE DE CONGELATION PERMETTANT D'ELIMINER PROGRESSIVEMENT LE TISSU ADIPEUX PAR LIPOSUCCION
- (71, 72) **RUBINSKY, Boris** [US/US]; 1619 Sonoma Avenue, Albany, CA 94707 (US).
- (74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AU CA IL JP; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41158** (13) A1
(21) PCT/US98/05399
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 60/041,050 (32) **19 Mar/mar 1997 (19.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/36**
(54) ● CELLULAR SURGERY UTILIZING CONFOCAL MICROSCOPY
● CHIRURGIE CELLULAIRE EMPLOYANT UNE TECHNIQUE DE MICROSCOPIE CONFOCALE
- (71) **LUCID TECHNOLOGIES, INC.** [US/US]; 235 Middle Road, Henrietta, NY 14467 (US).
- (72) **ZAVISLAN, James, M.**; 5 Wandering Trail, Pittsford, NY 14534 (US). **GREENWALD, Roger, J.**; 16787 Ridge Road, Holley, NY 14470 (US).
- (74) **LUKACHER, Kenneth, J.**; Harris Beach & Wilcox, LLP, 130 East Main Street, Rochester, NY 14604-1687 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41159** (13) A1
(21) PCT/FR98/00543
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) fr (26) fr
(31) 97/03277 (32) **18 Mar/mar 1997 (18.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61B 17/70**
(54) ● IMPLANT FOR OSTEOSYNTHESIS DEVICE AND TOOL FOR SETTING SUCH IMPLANT
● IMPLANT POUR DISPOSITIF D'OSTEOSYNTHESE ET OUTIL DE MONTAGE D'UN TEL IMPLANT
- (71) **SCIENT'X** [FR/FR]; 6, avenue de Ségur, F-75007 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ALBY, Albert** [FR/FR]; 3, rue Verdi, F-75016 Paris (FR).
- (74) **THIBAULT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, Boîte postale 7073, F-69301 Lyon Cedex 07 (FR).
- (81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41160** (13) A1
(21) PCT/GB97/03513
(22) **22 Dec/déc 1997 (22.12.1997)**
(25) en (26) en
(31) 97/03178 (32) **17 Mar/mar 1997 (17.03.1997)**

- (31) 970592 (32) **12 Aug/août 1997** (33) IE (12.08.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61B 17/70**
- (54) ● CERVICAL FIXATION SYSTEM
● SYSTEME DE FIXATION CERVICAL
- (71) **INTELLECT MEDICAL LIMITED** [IE/IE]; 78/79 Upper Georges Street, DunLaoghaire, County Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOLGER, John** [IE/IE]; 50 Hillside Park, Rathfarnham, Dublin 16 (IE). **BOLGER, Ciaran** [IE/GB]; 11 Clay Field, Yate, Bristol BS17 5PE (GB).
- (74) **PEARCE, Anthony, Richmond** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41161** (13) A2
- (21) PCT/IB98/00406
- (22) **19 Mar/mar 1998** (19.03.1998)
- (25) en (26) en
- (31) 97810164.0 (32) **19 Mar/mar 1997** (33) EP (19.03.1997)
- (34) CH et al. / etc.
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61B 17/72, 17/74**
- (54) ● MODULAR INTRAMEDULLARY NAIL
● CLOU CENTRO-MEDULAIRE MODULAIRE
- (71) **OSTEO AG** [CH/CH]; Bohnackerweg 1, CH-2545 Selzach (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WAHL, Thomas** [CH/CH]; Römerweg 2, CH-2543 Lengnau (CH). **BÜHREN, Volker** [DE/DE]; Hagener Strasse 11, D-82418 Murnau (DE).
- (74) **LIEBETANZ, Michael**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).
- (81) AU CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41162** (13) A1
- (21) PCT/US98/05328
- (22) **16 Mar/mar 1998** (16.03.1998)
- (25) en (26) en
- (31) 08/822,081 (32) **20 Mar/mar 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61B 19/00**
- (54) ● SURGICAL SHOULDER DRAPE
● CHAMP STERILE POUR CHIRURGIE DE L'ÉPAULE
- (71) **ALLEGIANCE CORPORATION** [US/US]; 1430 Waukegan Road, McGaw Park, IL 60085 (US).
- (72) **CLAY, Yolanda, D.**; 3146 Pope Road, Douglasville, GA 30135 (US). **TOTTEN, Lee, Ann**; 444 West Fullerton #708, Chicago, IL 60614 (US).
- (74) **HANNAFAN, Kay, H., P.**; Allegiance Corporation, 1430 Waukegan Road, MPKB-1A, McGaw Park, IL 60085-6787 (US).
- (81) AU CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41163** (13) A1
- (21) PCT/US98/05797
- (22) **19 Mar/mar 1998** (19.03.1998)
- (25) en (26) en
- (31) 08/821,089 (32) **20 Mar/mar 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61B 19/00**
- (54) ● MICROCATHETER WITH AUXILIARY PARACHUTE GUIDE STRUCTURE
● MICROCATHETER PRESENTANT UNE STRUCTURE AUXILIAIRE DE GUIDAGE SOUS FORME DE PARACHUTE
- (71) **VANDERBILT UNIVERSITY** [US/US]; Office of Technology Transfer, 850 Baker Building, Box 6009, Station B, Nashville, TN 37235 (US).
- (72) **LARSON, Theodore, C., III**; 836 Overton Court, Nashville, TN 37220 (US).
- (74) **LANQUIST, Edward, D., Jr.**; Waddey & Patterson, Suite 2020, NationsBank Plaza, 414 Union Street, Nashville, TN 37219 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41164** (13) A1
- (21) PCT/SE98/00449
- (22) **12 Mar/mar 1998** (12.03.1998)
- (25) sv (26) en
- (31) 9700960-9 (32) **17 Mar/mar 1997** (33) SE (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61C 3/00**
- (54) ● DENTAL INSTRUMENT FOR REMOVING CARIES ATTACKED DENTINE
● INSTRUMENT DENTAIRE POUR L'ÉLIMINATION DE LA DENTINE CARIEE
- (71) **MEDITEAM DENTALUTVECKLING I GÖTEBORG AB** [SE/SE]; Göteborgsvägen 74, S-433 63 Sävedalen (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ERICSON, Dan** [SE/SE]; Rådmanngatan 5, S-211 46 Malmö (SE).
- (74) **HOLMBERG, Claes**; MediTeam AB, Göteborgsvägen 74, S-433 63 Sävedalen (SE).
- (81) AU BR CA IL JP KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41165** (13) A1
- (21) PCT/US98/05003
- (22) **13 Mar/mar 1998** (13.03.1998)
- (25) en (26) en
- (31) 08/820,567 (32) **19 Mar/mar 1997** (33) US (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61C 5/00**
- (54) ● DENTAL COMPOSITION
● COMPOSITION DENTAIRE
- (71) **DANVILLE MATERIALS** [US/US]; 2021 Omega Road, San Ramon, CA 94583 (US).
- (72) **BERTOLOTTI, Raymond, L.**; 188 Beechwood Drive, Oakland, CA 94618 (US). **BLAKE, Thomas, S.**; 881 Danville Boulevard, Danville, CA 94526 (US).
- (74) **MORAN, Tom, M.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.
- (81) AU BR CA IL JP KR MX NO NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41166** (13) A1
- (21) PCT/NO98/00082
- (22) **12 Mar/mar 1998** (12.03.1998)
- (25) no (26) en
- (31) 971195 (32) **14 Mar/mar 1997** (33) NO (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61C 5/04, 19/00**
- (54) ● MEANS FOR INSERTING FILLING MATERIAL DURING DENTAL TREATMENT
● MOYENS D'INSERTION D'UNE MATIERE D'OBTURATION PENDANT UN TRAITEMENT DENTAIRE
- (71) **DENTAL INNOVA AS** [NO/NO]; Olderveien 9, N-9300 Finnsnes (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NILSSON, John, Thorleif** [NO/NO]; Olderveien 9, N-9300 Finnsnes (NO).
- (74) **MOESTUE, Roger**; Bryns Patentkontor A/S, P.O. Box 765, Sentrum, N-0106 Oslo (NO).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41167** (13) A1
- (21) PCT/BE97/00034
- (22) **14 Mar/mar 1997** (14.03.1997)
- (25) en (26) en
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61F 2/06**

- (54) ● ARRANGEMENT FOR THE ENDOVASCULAR REPAIR OF A BLOOD VESSEL SECTION
- DISPOSITIF PERMETTANT UNE REPARATION INTRAVASCULAIRE D'UN SEGMENT DE VAISSEAU SANGUIN

(71, 72) **SPOELSTRA, Harry, Bernard, Joseph** [BE/BE]; Bosuistraat 26, B-1750 Lennik (BE).

(74) **VAN REET, J.** et al. / etc.; Gevers Patents, Holidaystraat 5, B-1831 Diegem (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (a)

(11) **WO 98/41168** (13) A1

(21) PCT/US98/04771

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818,612 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 2/06**

- (54) ● CORONARY STENT AND METHOD OF FABRICATING SAME
- PROTHESE ENDOVASCULAIRE CORONAIRE ET SON PROCEDE DE FABRICATION

(71, 72) **HULL, Cheryl, C.** [US/US]; 1220 South Nevean Lane, Anaheim, CA 92804 (US). **CROCKER, Michael, D.** [US/US]; 1220 South Nevean Lane, Anaheim, CA 92804 (US).

(74) **STETINA, Kit, M.** et al. / etc.; Stetina Brunda Garred & Brucker, 4th floor, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41169** (13) A1

(21) PCT/US98/05091

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/819,967 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 2/06**

- (54) ● COILED SHEET STENT HAVING HELICAL ARTICULATION AND METHODS OF USE
- STENT DE BANDE ENROULEE COMPORTANT UNE ARTICULATION HELICOIDALE, ET METHODES D'UTILISATION

(71) **ENDOTEX INTERVENTIONAL SYSTEMS, INC.** [US/US]; 10231 Bubb Road, Cupertino, CA 94014-4167 (US).

(72) **KHOSRAVI, Farhad**; Apartment 212, 1700 De Anza Boulevard, San Mateo, CA 94403 (US). **HOGENDIJK, Michael**; Apartment 904, 501 Forest Avenue, Palo Alto, CA 94301 (US). **SPIRIDIGLIOZZI, John**; 604 Alameda de las Pulgas, Belmont, CA 94002 (US).

(74) **PISANO, Nicola, A.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41170** (13) A1

(21) PCT/US98/05519

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,212 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 2/06**

- (54) ● HELICAL MESH ENDOPROSTHESIS AND METHODS OF USE
- ENDOPROTHESE CONSTITUEE PAR UN ENROULEMENT SPIRALE DE MAILLES ET SES PROCEDES D'UTILISATION

(71) **ENDOTEX INTERVENTIONAL SYSTEMS, INC.** [US/US]; 10231 Bubb Road, Cupertino, CA 95014-4167 (US).

(72) **KHOSRAVI, Farhad**; Apartment 212, 1700 De Anza Boulevard, San Mateo, CA 94403 (US). **HOGENDIJK, Michael**; Apartment 904, 501 Forest Avenue, Palo Alto, CA 94301 (US). **ROSS, Michael, R.**; 1415 Marlborough Road, Hillsborough, CA 94010 (US).

(74) **PISANO, Nicola, A.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41171** (13) A1

(21) PCT/US98/05320

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/819,255 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 2/14**

- (54) ● CONTROLLED RELEASE OF PHARMACEUTICALS IN THE ANTERIOR CHAMBER OF THE EYE
- LIBERATION CONTROLEE DE PRODUITS PHARMACEUTIQUES DANS LA CHAMBRE ANTERIEURE DE L'OEIL

(71, 72) **GALIN, Miles, A.** [US/US]; 3rd floor, 345 East 37th Street, New York, NY 10016 (US). **SALAMONE, Joseph, C.** [US/US]; 2202 N.W. 62nd Drive, Boca Raton, FL 33496 (US). **ISRAEL, Stanley, C.** [US/US]; 675 West Street, Carlisle, MA 01741 (US).

(74) **MURNANE, John, D.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41172** (13) A1

(21) PCT/EP98/01503

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) de (26) de

(31) 197 10 934.9 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 2/36, 2/32**

- (54) ● ARTIFICIAL CONDYLE FOR THE HUMAN HIP JOINT
- CONDYLE ARTIFICIEL POUR ARTICULATION DE LA HANCHE HUMAINE

(71) **THEUSNER, Joachim** [DE/DE]; Odeonsplatz 2, D-80539 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KUBEIN-MEESBURG, Dietmar** [DE/DE]; Burgweg 1a, D-37547 Kreiensens (DE). **NÄGERL, Hans** [DE/DE]; Lange Hecke 41, D-37130 Gleichen (DE).

(74) **HAGEMANN, BRAUN & HELD**; Hildesheimer Strasse 133, D-30173 Hannover (DE).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41173** (13) A2

(21) PCT/EP98/01777

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) S970216 (32) **20 Mar/mar 1997 (20.03.1997)** (33) IE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61F 5/00**

- (54) ● SPLINT DEVICE
- ATTELLE

(71, 72) **NSUBUGA, Martin** [UG/GB]; Accommodation, Wycombe General Hospital, High Wycombe HP11 2TT (GB).

(74) **DUFFY, Assumpta**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

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

(11) **WO 98/41174** (13) A1

(21) PCT/IT98/00055

(22) **17 Mar/mar 1998 (17.03.1998)**

- (25) en (26) en
 (31) VA97A000006 (32) **18 Mar/mar 1997** (33) IT (18.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 5/01**
 (54) ● TIGHTENING DEVICE
 ● DISPOSITIF DE SERRAGE
 (71) **PAVIS VARESE S.R.L.** [IT/IT]; Via Robbioni, 39, I-21100 Varese (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FRANGI, Giampietro** [IT/IT]; Via Conte Biancamano, 43, I-21100 Varese (IT). **FRANGI, Gianluigi** [IT/IT]; Via Conte Biancamano, 51, I-21100 Varese (IT).
 (74) **PELLEGGRI, Alberto**; % Società Italiana Brevetti S.p.A., Via Puccini, 7, I-21100 Varese (IT).
 (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41175** (13) A1
 (21) PCT/US98/05310
 (22) **17 Mar/mar 1998** (17.03.1998)
 (25) en (26) en
 (31) 08/818,354 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 5/56**
 (54) ● SNORING DEVICE
 ● DISPOSITIF ANTIRONFLEMENT
 (71, 72) **HILSEN, Kenneth, L.** [US/US]; 555 North Avenue, Fort Lee, NJ 07024 (US).
 (74) **FELDMAN, Stephen, E.**; Stephen E. Feldman, P.C., 12 East 41st Street, New York, NY 10017 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41176** (13) A1
 (21) PCT/US98/05201
 (22) **17 Mar/mar 1998** (17.03.1998)
 (25) en (26) en
 (31) 08/818,921 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 6/04**
 (54) ● SHEATH FOR A SIDE VIEW PROBE
 ● GAINE POUR SONDE DE VUE LATÉRALE
 (71) **POLARTECHNICS LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).
 (71, 72) **WUNDERMAN, Irwin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).
 (72) **SKLADNEV, Victor**; 1 Russell Street, Vacluse, NSW 2030 (AU). **THOMPSON, Richard, L.**; Killarney Heights, NSW 2087 (AU).
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- (74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
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- (11) **WO 98/41177** (13) A1
 (21) PCT/US98/01406
 (22) **28 Jan/jan 1998** (28.01.1998)
 (25) en (26) en
 (31) 08/816,097 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 9/007, 9/013**
 (54) ● SHORT PULSE MID-INFRARED PARAMETRIC GENERATOR FOR SURGERY
 ● GENERATEUR PARAMÉTRIQUE CHIRURGICAL D'IMPULSIONS COURTES DANS L'INFRAROUGE MOYEN
 (71) **IRVISION, INC.** [US/US]; 3997 Starview Drive, San Jose, CA 95124 (US). **SCHWARTZ-ELECTRO/OPTICS, INC.** [US/US]; 45 Winthrop Street, Concord, MA 01742 (US).
 (72) **TELFAIR, William, B.**; 3997 Starview Drive, San Jose, CA 95124 (US). **ZENZIE, Henry**; 145 High Street, Chelmsford, MA 01824 (US). **MOULTON, Peter**; 142 The Valley Road, Concord, MA 01742 (US). **HOFFMAN, Hannah, J.**; 1049 Metro Circle, Palo Alto, CA 94303 (US).
 (74) **COHEN, Neil, G.**; Cummings & Lockwood, Four Stamford Plaza, Stamford, CT 06904 (US).
 (81) AU CA CN IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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 (21) PCT/US98/03711
 (22) **25 Feb/fév 1998** (25.02.1998)
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 (31) 08/818,948 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 9/007**
 (54) ● METHODS AND SYSTEMS FOR CORRECTION OF HYPEROPIA AND/OR ASTIGMATISM USING ABLATIVE RADIATION
 ● PROCÉDES ET SYSTÈMES PERMETTANT DE CORRIGER L'HYPERMÉTROPIE ET/OU L'ASTIGMATISME AU MOYEN D'UN RAYONNEMENT ABLATIF
 (71) **SUMMIT TECHNOLOGY, INC.** [US/US]; 21 Hickory Drive, Waltham, MA 02154 (US).
 (72) **KLOPOTEK, Peter, J.**; 2 Bayberry Lane, Framingham, MA 01701 (US). **MULLER, David, F.**; 87 Chestnut Street, Boston, MA 02199 (US).
 (74) **ENGELLENER, Thomas, J.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41179** (13) A1
 (21) PCT/IB98/00313
 (22) **11 Mar/mar 1998** (11.03.1998)
 (25) en (26) en
 (31) 08/818,919 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61F 13/20, 13/26**
 (54) ● TAMPON AND METHOD OF MAKING SAME
 ● TAMPON ET PROCÉDE DE RÉALISATION
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **OSBORN, Thomas, Ward, III**; 400 Deanview Drive, Cincinnati, OH 45224 (US). **MILBRADA, Edward, John**; 5613 Winding Creek Way, West Chester, OH 45069 (US).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41180** (13) A1
 (21) PCT/US98/05247
 (22) **17 Mar/mar 1998** (17.03.1998)
 (25) en (26) en
 (31) 60/040,944 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A61G 7/057**
 (54) ● APPARATUS FOR ELEVATION OF HEAD AND TORSO IN FLUIDIZED PATIENT SUPPORT
 ● APPAREIL PERMETTANT DE SOULEVER LA TÊTE ET LE TORSO D'UN PATIENT SUR UN SUPPORT FLUIDISÉ
 (71) **KINETIC CONCEPTS, INC.** [US/US]; P.O. Box 659508, San Antonio, TX 78265-9508 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **JONES, Mark** [US/US]; 4107 Luckenbach, San Antonio, TX 78251 (US).
 (74) **COLTON, Wayne, J.**; Wayne J. Colton, Inc., P.O. Box 461209, San Antonio, TX 78246-1209 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/41181** (13) A1
 (21) PCT/US98/05102

- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 08/822,073 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (31) 08/887,996 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61G 17/013**
- (54) ● FOLDABLE CONTAINER ASSEMBLY
● ASSEMBLAGE DE CONTENANTS GERBABLES
- (71) **B & C INCORPORATED** [JP/JP]; 2-4, Hashimoto 3-chome, Sagami-hara-shi, Kanagawa-ken, Tokyo (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UMEMURA, Izuru** [JP/JP]; 29-10, Sakuragaoka 1-chome, Tama-shi, Tokyo, P.C. 206 (JP). **HASHIZUME, Tadayoshi** [JP/JP]; 2-10-3, Kamikizaki, Urawashi, Saitama-ken (JP). **IRISAWA, Manabu** [JP/JP]; 1-23-2, Gion, Kisarazushi, Chiba-ken (JP). **SMART, Ted** [US/US]; 821 Sherman Drive, Melrose Park, IL 60160 (US). **HOLLON, Kelly, Joe** [US/US]; 320 East 14th Avenue, Milan, IL 61264 (US). **NAGAI, Randall, G.** [US/US]; 208 Country Lane, Des Plaines, IL 60016 (US). **BALLIN, Donald** [US/US]; 249 Burberry Road, Highland Park, IL 60035 (US).
- (74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle, Chicago, IL 60603 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41182** (13) A1
- (21) PCT/JP97/00837
- (22) **17 Mar/mar 1997 (17.03.1997)**
- (25) ja (26) ja
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61H 3/04**
- (54) ● WALKING ASSIST DEVICE
● DISPOSITIF D'AIDE A LA MARCHE
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EGAWA, Saku** [JP/JP]; 3-15-29, Inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **KOSEKI, Atsushi** [JP/JP]; 2-1-F-307, Nishi, Toride-shi, Ibaraki 302 (JP). **NEMOTO, Yasuhiro** [JP/JP]; 325-16, Ogawa, Ogawa-machi, Higashiibaraki-gun, Ibaraki 311-34 (JP). **FUJIE, Masakatsu** [JP/JP]; 531-328, Taguicho, Ushiku-shi, Ibaraki 300-12 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41183** (13) A1
- (21) PCT/JP98/01095
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) ja (26) ja
- (31) 9/85746 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 7/00, 7/48, 35/78**
- (54) ● DERMATOLOGIC PREPARATIONS FOR BEAUTIFYING
● PREPARATIONS DERMATOLOGIQUES EMBELLISSANTES
- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAGI, Eiichiro** [JP/JP]; Shiseido Research Center (1), Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **SUZUKI, Rikako** [JP/JP]; Shiseido Research Center (1), Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **NAGANUMA, Masako** [JP/JP]; Shiseido Research Center (1), Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **OHTA, Masahiro** [JP/JP]; Shiseido Research Center (1), Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP).
- (74) **TAKANO, Toshihiko** et al. / etc.; 10-805, Shin Ogawa-machi 9-chome, Shinjuku-ku, Tokyo 162-0814 (JP).
- (81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41184** (13) A1
- (21) PCT/FR98/00423
- (22) **4 Mar/mar 1998 (04.03.1998)**
- (25) fr (26) fr
- (31) 97/03118 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 7/06, 7/48**
- (54) ● VAPORIZABLE GELLED COMPOSITION
● COMPOSITION GELIFIEE VAPORISABLE
- (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) **DUPUIS, Christine** [FR/FR]; 14, rue Seveste, F-75018 Paris (FR).
- (74) **MISZPUTEN, Laurent**; L'Oréal DPI, 90, rue du Général Roguet, F-92583 Clichy Cedex (FR).
- (81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41185** (13) A1
- (21) PCT/JP98/01144
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) ja (26) ja
- (31) 9/64606 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (31) 9/64607 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (31) 9/64608 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 7/50, 7/50, 7/46**
- (54) ● COMPOSITION TO BE APPLIED TO THE HAIR OR SKIN
● COMPOSITION A APPLIQUER SUR LES CHEVEUX OU SUR LA PEAU
- (71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi-yabacho 1-chome, Chuo-ku, Tokyo 103-0025 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASEGAWA, Yoshihiro** [JP/JP]; Kao Corporation, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-8501 (JP). **SAITO, Shoji** [JP/JP]; Kao Corporation, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-8501 (JP). **YAMASHITA, Osamu** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8404 (JP). **FUJIKURA, Yoshiaki** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikaimachi, Haga-gun, Tochigi 321-3426 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3-6, Nihonbashinginyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) CN ID SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41186** (13) A1
- (21) PCT/US98/05207
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) en (26) en
- (31) 08/819,809 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 7/06, 7/13, 7/42**
- (54) ● HAIR DYE COMPOSITIONS AND PROCESS
● COMPOSITIONS ET PROCEDE DE COLORATION CAPILLAIRE
- (71) **REVLON CONSUMER PRODUCTS CORPORATION** [US/US]; 625 Madison Avenue, New York, NY 10022 (US).
- (72) **HAWKINS, Geoffrey, R.**; 447 Knollbrook Drive, Langhorne, PA 19047 (US). **DOLAK, Terence, M.**; 27 Mountain View Drive, Andover, NJ 07821 (US). **GUTKOWSKI, Glenn, A.**; 568 Bryant Street, Rahway, NJ 07065 (US).
- (74) **FLINTOFT, Gerald, J.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/41187** (13) A1
- (21) PCT/EP98/01395
- (22) **11 Mar/mar 1998 (11.03.1998)**
- (25) de (26) de
- (31) 197 11 417.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 7/50**

- (54) ● COSMETIC PREPARATIONS
● PREPARATIONS COSMETIQUES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOYXEN, Norbert** [DE/DE]; Rosenstrasse 29, D-47906 Kempen (DE). **BEHLER, Ansgar** [DE/DE]; Siegfriedstrasse 80, D-46240 Bottrop (DE). **HENSEN, Hermann** [DE/DE]; Rathmacherweg 13, D-42781 Haan (DE). **SEIPEL, Werner** [DE/DE]; Hofstrasse 29, D-40723 Hilden (DE).

(81) AU CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41188** (13) A2

(21) PCT/GB98/00817

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705588.3 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/00, 9/14, 9/16, 47/26**

- (54) ● STABLE PARTICLE IN LIQUID FORMULATIONS
● PARTICULE STABLE DANS DES FORMULATIONS LIQUIDES

(71) **EASTBRIDGE LIMITED** [GB/GB]; 4 Archway Court, Barton Road, Cambridge CB3 9LW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSER, Bruce, Joseph** [GB/GB]; 4 Archway Court, Barton Road, Cambridge CB3 9LW (GB). **SEN, Shevanti, Devika** [GB/GB]; 4 Archway Court, Barton Road, Cambridge CB3 9LW (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 9PL (GB).

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

(11) **WO 98/41189** (13) A1

(21) PCT/US98/05724

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/039,374 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/00, B29C 33/40, 45/18**

- (54) ● FABRICATION OF TISSUE PRODUCTS USING A MOLD FORMED BY SOLID FREE-FORM METHODS

● FABRICATION DE PRODUITS A BASE DE TISSU AU MOYEN D'UN MOULE ELABORE SELON DES PROCÉDES DE FORME LIBRE SOLIDE

(71) **THERICS, INC.** [US/US]; 115 Campus Drive, Princeton, NJ 08540 (US).

(72) **GAYLO, Christopher, M.**; 22 Landing Lane, Princeton Junction, NJ 08550 (US). **FLAMENBAUM, Walter**; 137 Craryville Road, Craryville, NY 12521 (US). **FLAMENBAUM, Miles, J.**; Apartment 6-1, 49 Downing Street, New York, NY 10014 (US).

(74) **VILLACORTA, Gilberto, M.**; Pepper Hamilton LLP, 1300 Nineteenth Street, N.W., Washington, DC 20036-1685 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (a)

(11) **WO 98/41190** (13) A1

(21) PCT/JP98/01130

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja

(31) 9/85849 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/107, 9/14**

- (54) ● COMPOSITION FOR FORMING SOLID PARTICLES
● COMPOSITION CONÇUE POUR FORMER DES PARTICULES SOLIDES

(71) **SUNSTAR INC.** [JP/JP]; 3-1, Asahi-machi, Takatsuki-shi, Osaka 569-1134 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMIZU, Yasumitsu** [JP/JP]; 11-8-303, Shinpouincho, Tennouzi-ku, Osaka-shi, Osaka 543-0041 (JP).

(74) **HOSODA, Yoshinori**; Hosoda International Patent Office, Otemae M2 Building, 8-1, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CA CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41191** (13) A1

(21) PCT/JP97/00829

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/12, 31/40, 31/34, 47/14, 47/32 // C07D 405/06**

- (54) ● AEROSOL PREPARATION
● PREPARATION POUR AEROSOL

(71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Hideki** [JP/JP]; 2-9-20, Tsuruhara, Izumisano-shi, Osaka 598 (JP). **TSUJI, Masahiro** [JP/JP]; 3-25-15, Kimigaoka, Hashimoto-shi, Wakayama 648 (JP). **YOSHIDA, Hiromitsu** [JP/JP]; 33-8, Fukakusakaicho, Fushimi-ku, Kyoto-shi, Kyoto 612 (JP). **SHIMOJO, Fumio** [JP/JP]; 2-2-13, Daiwahigashi, Kawanishi-shi, Hyogo 666-01 (JP).

(74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd. Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41192** (13) A1

(21) PCT/US98/04582

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 08/816,768 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/127, C12N 15/88**

- (54) ● THE USE OF TEMPERATURE TO CONTROL THE SIZE OF CATIONIC LIPOSOME/PLASMID DNA COMPLEXES

● UTILISATION DE LA TEMPERATURE POUR MODULER LA TAILLE DE COMPLEXES D'ADN PLASMIDIQUE/LIPOSOMES CATIONIQUES

(63) US 08/816,768 (CIP)
18 Mar/mar 1997 (18.03.1997)

(71) **INEX PHARMACEUTICALS CORP.** [CA/CA]; 100-8900 Glenlyon Parkway, Glenlyon Business Park, Burnaby, British Columbia V5J 5J8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WASAN, Ellen, K.** [US/CA]; 5769 Yew Street, Vancouver, British Columbia V6M 3Y5 (CA). **BALLY, Marcel, B.** [CA/CA]; SPC 11, Harding Road, Bowen Island, British Columbia V0N 1G0 (CA). **HOPE, Michael, J.** [CA/CA]; 3550 West 11th Avenue, Vancouver, British Columbia V6R 2K2 (CA). **REIMER, Dorothy, L.** [CA/CA]; Suite 202, 55 East 12th Avenue, Vancouver, British Columbia V5T 4J4 (CA). **AHKONG, Laval** [CA/CA]; 8588 143rd Street, Surrey, British Columbia V5T 4J4 (CA).

(74) **GARRETT-WACKOWSKI, Eugenia** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41193** (13) A1

(21) PCT/US98/03799

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/821,129 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/16, 9/00**

- (54) ● PREPARATION OF POWDER AGGLOMERATES

● PREPARATION D'AGGLOMERATS DE POUDRE

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).

- (72) **YANG, Tsong-Toh**; 9 Old Farm Road, Warren, NJ 07059 (US).
- (74) **FRANKS, Robert, A.** et al. / etc.; Scheering-Plough Corporation, Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CZ EE GE GW HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41194** (13) A1
(21) PCT/BE98/00033
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) fr (26) fr
(31) 9700225 (32) **14 Mar/mar 1997 (14.03.1997)** (33) BE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 9/20**

- (54) ● PHARMACEUTICAL COMPOSITIONS FOR CONTROLLED RELEASE OF ACTIVE SUBSTANCES
● COMPOSITIONS PHARMACEUTIQUES POUR LA LIBERATION CONTROLEE DE SUBSTANCES ACTIVES

- (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) **FANARA, Domenico** [IT/BE]; Rue Ch. Moncousin 24, B-4520 Wanze (BE). **BERWAER, Monique** [BE/BE]; Rue Haute 22, B-4350 Remincourt (BE). **BOUQUELLE, Anne** [BE/BE]; Rue du Radar 49, B-7050 Jurbise (BE). **DE-LEERS, Michel** [BE/BE]; Square des Braves 12, B-1630 Linkebeek (BE).

- (74) **UCB, S.A.**; Mareschal-Haestier, Anne, Dépt. D.T.B., Rue d'Anderlecht 33, B-1620 Drogenbos (BE).

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

- (11) **WO 98/41195** (13) A2
(21) PCT/US98/05504
(22) **20 Mar/mar 1998 (20.03.1998)**
(25) en (26) en
(31) 60/041,326 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/00**

- (54) ● NUTRITIONAL SUPPLEMENT FOR CARDIOVASCULAR HEALTH
● COMPLEMENT NUTRITIONNEL DESTINE A FAVORISER UNE BONNE SANTE CARDIO-VASCULAIRE

- (71) **COVENTRY GROUP, LTD.** [US/US]; 10050 Montgomery Road #329, Cincinnati, OH 45242 (US).

- (72) **VESTER, Samuel, Russell**; 6525 Given Road, Cincinnati, OH 45243 (US).

- (74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine and Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41196** (13) A1

(21) PCT/JP98/00816

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) ja (26) ja

- (31) 9/82376 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

- (31) 9/210193 (32) **22 Jul/juil 1997 (22.07.1997)** (33) JP

- (31) 9/225533 (32) **8 Aug/août 1997 (08.08.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/12, A23K 1/16**

- (54) ● ANTIVIRAL AGENTS
● AGENTS ANTIVIRAUX

- (71) **TAKARA SHUZO CO., LTD.** [JP/JP]; 609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8061 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SAGAWA, Hiroaki** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP). **KOYAMA, Nobuto** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP). **CHONO, Hideto** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP). **TA-KESAKO, Kazutoh** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP). **KATO, Ikuunoshi** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP).

- (74) **ADATI, Mituo** et al. / etc.; Shin-Ei Building 6th floor, 6-20, Tosabori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0001 (JP).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41197** (13) A1

(21) PCT/US98/04967

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

- (31) 08/819,734 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/14**

- (54) ● METHOD FOR TREATMENT OF *H. PYLORI*
● METHODE DE TRAITEMENT DE *H. PYLORI*

- (71) **COLLAGENEX PHARMACEUTICALS, INC.** [US/US]; 301 South State Street, Newtown, PA 18940 (US).

- (72) **SCHWABE, Christian**; 5 Longitude Lane, Charleston, SC 29401 (US). **ASHLEY, Robert, A.**; 60 Woodhill Road, Newtown, PA 18940 (US).

- (74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41198** (13) A1

(21) PCT/US98/05083

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

- (31) 08/821,063 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/165, 31/44**

- (54) ● METHOD OF INHIBITING FIBROSIS WITH PYRIDOXAL BENZOYL HYDRAZONE AND ANALOGS THEREOF
● METHODE D'INHIBITION D'UNE FIBROSE AU MOYEN DE BENZOYLHYDRAZONES DE PYRIDOXAL OU LEURS ANALOGUES

- (71) **DUKE UNIVERSITY** [US/US]; Erwin Road, Durham, NC 27706 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MURAD, Saood** [IN/US]; 8 Dobbs Place, Durham, NC 27707 (US). **PINNELL, Sheldon, R.** [US/US]; 3127 Surrey Road, Durham, NC 27707 (US). **YANG, Huanshu** [CN/US]; 121 Westview Drive 51, Carrboro, NC 27510 (US).

- (74) **SIBLEY, Kenneth, D.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (US).

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

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

Published / Publiée : (c)

- (11) **WO 98/41199** (13) A1

(21) PCT/JP98/00994

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) ja (26) ja

(31) 9/60321 (32) **14 Mar/mar 1997** (33) JP
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/18**

(54) ● DECONGESTANT FOR NOSE OR EYE

● DECONGESTIONNANT NASAL OU OCULAIRE

(71) **NIPPON SHINYAKU CO., LTD.** [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSURU, Hiromichi** [JP/JP]; Saususukuea Yokohamagumyoji 606, 2-1, Mutsukawa 2-chome, Minami-ku, Yokohama-shi, Kanagawa 232-0066 (JP). **UKAI, Yojiro** [JP/JP]; 9-4, Aoyama 5-chome, Otsu-shi, Shiga 520-2101 (JP).

(81) CA CN JP KR MX RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41200** (13) A1

(21) PCT/IB98/00516

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,858 (32) **17 Mar/mar 1997** (33) US
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/19, 31/22, 31/225**

(54) ● THERAPEUTIC COMPOSITIONS

● COMPOSITIONS THERAPEUTIQUES

(71) **BRITISH TECHNOLOGY GROUP LTD.** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VEECH, Richard, L.** [US/US]; 712 Brent Road, Rockville, MD 20850 (US).

(74) **MITCHARD, Leonard, C.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201-4714 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41201** (13) A1

(21) PCT/US98/05072

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,858 (32) **17 Mar/mar 1997** (33) US
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/19, 31/22, 31/225**

(54) ● THERAPEUTIC COMPOSITIONS

● COMPOSITIONS THERAPEUTIQUES

(71) **BRITISH TECHNOLOGY GROUP LTD.** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VEECH, Richard, L.** [US/US]; 712 Brent Road, Rockville, MD 20850 (US).

(74) **MITCHARD, Leonard C.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201-4714 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41202** (13) A1

(21) PCT/US98/05554

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/039,375 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/19, 31/605**

(54) ● HYDROXYBENZOATE METABOLITES AND HYDROXYBENZOATE ANALOGUES AS PROTECTORS AGAINST OXIDATIVE STRESS AND CHEMOTHERAPEUTIC DRUG CYTOTOXICITY, CARDIOTOXICITY AND EXTRAVASATION TISSUE INJURY

● METABOLITES D'HYDROXYBENZOATE ET ANALOGUES D'HYDROXYBENZOATE EN TANT QUE PROTECTEURS CONTRE LE STRESS OXYDATIF, LA CYTOTOXICITE PROVOQUEE PAR DES MEDICAMENTS CHIMIOETHERAPIQUES, LA CARDIOTOXICITE ET LES LESIONS TISSULAIRES CAUSEES PAR UN EPANCHEMENT

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MITCHELL, James, B.** [US/US]; 10516 Sweepstakes Road, Damascus, MD 20872 (US). **RUSSO, Angelo** [US/US]; 5501 Northfield Road, Bethesda, MD 20817 (US). **KRISHNA, Murali, C.** [US/US]; 15941 Indian Hills Road, Rockville, MD 20855 (US). **DEGRAFF, William** [US/US]; 12020 Barry Street, Wheaton, MD 20902 (US). **DELUCA, Anne, M.** [US/US]; 8200 Wisconsin Avenue #1215, Bethesda, MD 20814 (US). **MYERS, Lawrence** [US/US]; 11810 Coldstream Drive, Potomac, MD 20854 (US). **HAHN, Stephen, N.** [US/US]; 1484 West Conifer Drive, West Chester, PA 19380 (US).

(74) **LARCHER, Carol** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41203** (13) A1

(21) PCT/EP98/00486

(22) **30 Jan/jan 1998 (30.01.1998)**

(25) de (26) de

(31) 197 10 916.0 (32) **15 Mar/mar 1997** (33) DE
(15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/375**

(54) ● ASCORBIC ACID AS AN ADJUVANT IN THE REMOVAL OF VASCULAR OCCLUSIONS

● ACIDE ASCORBIQUE UTILISE COMME ADJUVANT LORS DE L'ELIMINATION D'OCCLUSIONS VASCULAIRES

(71) **PASCOE** [DE/DE]; Pharmazeutische Präparate GmbH, Schiffenberger Weg 55, D-35394 Gießen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PASCOE, Jürgen, F.** [DE/DE]; Richard-Wagner-Strasse 36, D-53415 Pohlheim (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eyseneckstrasse 31, D-60322 Frankfurt am Main (DE).

(81) AU BR BY CA CN CZ JP KR MX NO PL RO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41204** (13) A1

(21) PCT/EP98/00487

(22) **30 Jan/jan 1998 (30.01.1998)**

(25) de (26) de

(31) 197 10 907.1 (32) **15 Mar/mar 1997** (33) DE
(15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/375, 31/70, 31/505, 31/475, 31/335, 33/24**

(54) ● ASCORBIC ACID AS AN ADJUVANT IN THE TREATMENT OF MALIGNANT TUMORS USING CHEMO- AND RADIOTHERAPY

● ACIDE ASCORBIQUE UTILISE COMME ADJUVANT DANS LE TRAITEMENT DE TUMEURS MALIGNES PAR CHIMIOETHERAPIE ET RADIOTHERAPIE

(71) **PASCOE PHARMAZEUTISCHE PRÄPARATE GMBH** [DE/DE]; Schiffenberger Weg 55, D-35394 Gießen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PASCOE, Jürgen, F.** [DE/DE]; Richard-Wagner-Strasse 36, D-53415 Pohlheim (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eyseneckstrasse 31, D-60322 Frankfurt am Main (DE).

(81) AU BR BY CA CN CZ JP KR MX NO PL RO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41205** (13) A1

(21) PCT/US98/05347

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,399 (32) **18 Mar/mar 1997** (33) US
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 31/40, C07D 209/46, 491/044, 491/153**

- (54) ● CYTOCHALASIN AND ISOINDOLINONE DERIVATIVES AS INHIBITORS OF ANGIOGENESIS
- DERIVES DE CYTOCHALASINE ET D'ISOINDOLINONE UTILISES COMME INHIBITEURS D'ANGIOGENESE
- (71) **THE CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
- (72) **UDAGAWA, Tatturo**; 9 St. Peter Street, No. 5, Jamaica Plain, MA 02130 (US). **D'AMATO, Robert, J.**; 65 Huron Avenue, Cambridge, MA 02138 (US). **SHAH, Jamshed, H.**; 6443 Pound Apple Court, Columbia, MD 21045 (US).
- (74) **PRIOR, Kimberly, J.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41206** (13) A1
- (21) PCT/US98/04596
- (22) **9 Mar/mar 1998 (09.03.1998)**
- (25) en (26) en
- (31) 08/818,622 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/505, 31/53**
- (54) ● NOVEL CARBOXYLIC ACID DERIVATIVES, THEIR PREPARATION AND USE IN TREATING CANCER
- NOUVEAUX DERIVES D'ACIDE CARBOXYLIQUE, LEUR PREPARATION ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen, D-Rheinland-Pfalz (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ROMERDAHL, Cynthia, A.** [US/US]; 260 Cochituate Road, Wayland, MA 01778 (US).
- (74) **GRANAHAN, Patricia** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41207** (13) A1
- (21) PCT/US98/03798
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 08/822,195 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/545, 9/00**
- (54) ● ADMINISTRATION OF AN INJECTABLE ANTIBIOTIC IN THE EAR OF AN ANIMAL
- ADMINISTRATION D'UN ANTIBIOTIQUE INJECTABLE DANS L'OREILLE D'UN ANIMAL
- (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) **BROWN, Scott, A.** [US/US]; 9800 Firefly, Galesburg, MI 49053 (US).
- (74) **GAMMILL, Martha, A.**; Pharmacia & Upjohn Company, Intellectual Property Legal Services, 301 Henrietta Street, Kalamazoo, MI 49001 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41208** (13) A1
- (21) PCT/EP98/01483
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 08/819,221 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/557, 9/00**
- (54) ● COMPOSITIONS AND METHODS FOR REDUCING OCULAR HYPERTENSION
- COMPOSITIONS ET PROCÉDES POUR REDUIRE L'HYPERTENSION OCULAIRE
- (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH). *(for all designated States except / pour tous les États désignés sauf AT)*
- (71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT). *(only for / seulement pour AT)*
- (72) **REED, Kenneth, Warren**; 1241 Fairfax Hunt, Lawrenceville, GA 30243 (US). **YEN, Shau-Fong**; 1295 North Druid Hills Road, Atlanta, GA 30319 (US). **SOU, Mary**; 5665 Bridge Point Drive, Alpharetta, GA 30202 (US). **PEACOCK, Regina, Flinn**; 11615 Windbrooke Way, Alpharetta, GA 30005 (US).
- (74) **BECKER, Konrad**; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).
- (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41209** (13) A1
- (21) PCT/JP98/01028
- (22) **12 Mar/mar 1998 (12.03.1998)**

- (25) ja (26) ja
- (31) 9/61489 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/557**
- (54) ● PROTECTIVE AGENTS FOR CELLS CONSTITUTING NERVOUS SYSTEM
- AGENTS PROTECTEURS DE LA CELLULE NERVEUSE
- (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) **KURUMATANI, Hajimu** [JP/JP]; 2-3-5-J-1, Tsunishi, Kamakura-shi, Kanagawa 248-0034 (JP). **MATSUDA, Susumu** [JP/JP]; 2-13-12, Kugenuma-matsugaoka, Fujisawa-shi, Kanagawa 251-0038 (JP). **KAINOH, Mie** [JP/JP]; 633-1-201, Fujisawa, Fujisawa-shi, Kanagawa 251-0052 (JP).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41210** (13) A1
- (21) PCT/JP98/01057
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) ja (26) ja
- (31) 9/61501 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/557, 47/30**
- (54) ● SUSTAINED-RELEASE PROSTAGLANDIN I DERIVATIVE PREPARATION
- PREPARATION DE DERIVE DE PROSTAGLANDINE I A LIBERATION PROLONGEE
- (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) **HARA, Michio** [JP/JP]; 1714-73, Ozenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). **HORIUCHI, Yasuhide** [JP/JP]; Toray Teburo-Ryo, 1111, Teburo, Kamakura-shi, Kanagawa 248-0036 (JP). **TAMURA, Fuminori** [JP/JP]; Toray Mishima-Ryo, 12-6, Bunkyo-cho 2-chome, Mishima-shi, Shizuoka 411-0033 (JP). **YAMASAKI, Keishi** [JP/JP]; Toray Teburo-Ryo, 1111, Teburo, Kamakura-shi, Kanagawa 248-0036 (JP).
- (74) **TANIGAWA, Hidejiro**; Tanigawa and Associates, 6F, Iwata Building, 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (81) AU CA CN JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41211** (13) A1
- (21) PCT/US98/04955
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 60/041,152 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (31) 9800215.7 (32) **6 Jan/jan 1998 (06.01.1998)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 31/59, 31/44, 7/34**

- (54) ● METHODS AND COMPOSITIONS FOR TREATING POLYCYSTIC OVARY SYNDROME
● PROCEDES ET COMPOSITIONS DE TRAITEMENT DU SYNDROME DE STEIN-LEVENTHAL
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALDSTREICHER, Joanne** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
HARRIS, Georgianna, S. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/41212** (13) A1
(21) PCT/SE98/00455
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 9700934-4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 31/655, 9/16**
(54) ● NEW FORMULATION
● NOUVELLE FORMULATION
- (71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRIESS, Stefan** [DE/DE]; Blankeneser Landstrasse 98, D-22587 Hamburg (DE). **HECKENMÜLLER, Harald** [DE/DE]; Wülpsand 13, D-22589 Hamburg (DE). **SZAMBIEN, Oliver** [DE/DE]; Pariner Strasse 1, D-23611 Bad Schwartau (DE).
- (74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41213** (13) A1
(21) PCT/US98/05325
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 60/039,380 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(31) 60/039,379 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(31) 60/039,376 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (31) 60/056,120 (32) **20 Aug/août 1997 (20.08.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 31/66, 31/07, 47/00**
- (54) ● COMPOSITIONS CONTAINING LYSO-PHOSPHOTIDIC ACIDS WHICH INHIBIT APOPTOSIS AND USES THEREOF
● COMPOSITIONS CONTENANT DES ACIDES LYSO-PHOSPHOTIDIQUES INHIBANT L'APOTOSE, ET LEURS UTILISATIONS
- (71) **LXR BIOTECHNOLOGY INC.** [US/US]; 1401 Marina Way South, Richmond, CA 94804 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BATHURST, Ian, C.** [NZ/US]; 152 York Avenue, Kensington, CA 94708 (US). **FOEHR, Matthew, W.** [US/US]; 12 Hoffman Avenue #2, San Francisco, CA 94114 (US). **GODDARD, J., Graham** [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). **VMANSKY, Samuil, R.** [RU/US]; 6034 Monterey Avenue, Richmond, CA 94805 (US). **BRADLEY, John, D.** [US/US]; 25 Parkman Street #1, Brookline, MA 02146 (US). **PICKER, Donald, H.** [US/US]; 601 Blackstone Drive, San Rafael, CA 94903 (US).
- (74) **WILKE, Kathryn, P.**; LXR Biotechnology Inc., 1401 Marina Way South, Richmond, CA 94804 (US) et al. / etc.
- (81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/41214** (13) A1
(21) PCT/JP98/00995
(22) **10 Mar/mar 1998 (10.03.1998)**
(25) ja (26) ja
(31) 9/60699 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 31/70 // C07H 17/02**
(54) ● REMEDIES FOR ISCHEMIC REFLOW DISTURBANCES
● MEDICAMENTS CONTRE LES TROUBLES ISCHEMIQUES DE REPERFUSION
- (71) **NIPPON SHINYAKU CO., LTD.** [JP/JP]; 14, Kishshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAJIMA, Kenji** [JP/JP]; 2-134-508, Hotakubo 1-chome, Kumamoto-shi, Kumamoto 862-0926 (JP). **HARADA, Naoaki** [JP/JP]; Sanraizu-Kawano Room 604, 3-2, Kuhonji 4-chome, Kumamoto-shi, Kumamoto 862-0976 (JP). **EZURE, Yoji** [JP/JP]; 21-22, Nogohara 2-chome, Otsu-shi, Shiga 520-2133 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41215** (13) A1
(21) PCT/US97/23350
(22) **18 Dec/déc 1997 (18.12.1997)**
(25) en (26) en
- (31) 08/820,249 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 31/70, C07H 19/167**
- (54) ● AMINOACYL SULFAMIDES FOR THE TREATMENT OF HYPERPROLIFERATIVE DISORDERS
● SULFAMIDES DE TYPE AMINOACYLE CONVENANT AU TRAITEMENT DE TROUBLES HYPERPROLIFERANTS
- (71) **CUBIST PHARMACEUTICALS, INC.** [US/US]; 24 Emily Street, Cambridge, MA 02139 (US).
- (72) **HILL, Jason, M.**; 41 Woodbine Terrace, Newton, MA 02166 (US). **KLUGE, Arthur, F.**; 111 Old County Road, Lincoln, MA 01773 (US).
- (74) **PLUMER, Elizabeth, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41216** (13) A1
(21) PCT/CA97/00176
(22) **17 Mar/mar 1997 (17.03.1997)**
(25) en (26) en
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 31/785**
(54) ● COMPOSITION FOR PREVENTION OF HEPATIC STEATOSIS
● COMPOSITION AUX FINS DE LA PREVENTION DE LA STEATOSE HEPATIQUE
- (71, 72) **TAM, Yun, K.** [CA/CA]; 2012 104A Street, Edmonton, Alberta T6J 5L8 (CA). **ZAMAN, Nuzhat** [BD/CA]; Apartment #304, 12325 Lansdowne Drive, Edmonton, Alberta T6H 4L4 (CA).
- (72, 75) **ISHIDA, Naobumi** [JP/CA]; 11419 24 Avenue, Edmonton, Alberta T6J 4Z1 (CA).
- (74) **WALTER, Robert, H.**; G. Ronald Bell & Associates, P.O. Box 2450, Station D, Ottawa, Ontario K1P 5W6 (CA).
- (81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41217** (13) A1
(21) PCT/FR98/00425
(22) **4 Mar/mar 1998 (04.03.1998)**
(25) fr (26) fr
(31) 97/03061 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61K 33/06, 9/00**

- (54) ● THERAPEUTIC COMBINATION OF MINERAL AND VITAMIN IN UNITS OF LIQUID PREPARATION FOR ORAL ADMINISTRATION
- ASSOCIATION THERAPEUTIQUE MINERALE-VITAMINIQUE SOUS FORME DE PREPARATION UNITAIRE LIQUIDE BUVABLE
- (71) **LABORATOIRE INNOTHERA, SOCIETE ANONYME** [FR/FR]; 10, avenue Paul Vaillant-Couturier, F-94111 Arcueil (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEIGNANT, Catherine** [FR/FR]; 42-52, rue de l'Aqueduc, F-75010 Paris (FR). **VIEILLARD-BARON, Corinne** [FR/FR]; 22, rue Labrousse, F-75015 Paris (FR).
- (74) **DUPUIS-LATOURE, Dominique**; Cabinet Bardehle, Pagenberg et Partner, 45, avenue Montaigne, F-75008 Paris (FR).
- (81) CA CN JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41218** (13) A1
- (21) PCT/AU98/00168
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) PO 5677 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AU
- (31) PP 0608 (32) **28 Nov/nov 1997 (28.11.1997)** (33) AU
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 33/10, 9/08**
- (54) ● AN AQUEOUS METAL BICARBONATE SOLUTION AND METHOD OF USE
- SOLUTION AQUEUSE DE BICARBONATE DE METAL ET PROCEDE D'UTILISATION
- (71) **MACQUARIE VETERINARY SUPPLIES PTY. LTD.** [AU/AU]; 4 Charlotte Street, Red Hill, ACT 2603 (AU).
- (72) **BECKETT, Russell, John**; 4 Charlotte Street, Red Hill, ACT 2603 (AU).
- (74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, Sydney, NSW 2001 (AU).
- (81) AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41219** (13) A1

(21) PCT/US98/04888

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/821,286 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 33/10, 33/00, 33/06, 33/24**

(54) ● PROCESS OF INCREASING CALCIUM CONTENT IN AN AQUEOUS SOLUTION

● PROCEDE D'ACCROISSEMENT DE LA TENEUR EN CALCIUM D'UNE SOLUTION AQUEUSE

(71) **NAM, Sang, Hun** [US/US]; 7626 Beck Avenue, N. Hollywood, CA 91605 (US).
(for all designated States except / pour tous les États désignés sauf US)(71, 72) **NAM, Wal, Hee** [US/US]; 1015 N. Kingsley Drive #325, Los Angeles, CA 90029 (US).(74) **BELASCO, David, A.**; Beehler & Pavitt, Suite 330, 100 Corporate Pointe, Culver City, CA 90230 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41220** (13) A1

(21) PCT/IL98/00120

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/818,818 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US(31) 09/041,280 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 35/14, 35/30, 38/18, C12N 5/08 // (A61K 35/14, 31:57) (A61K 38/18, 35:14)**(54) ● MONONUCLEAR PHAGOCYTES AND THEIR USE TO PROMOTE AXONAL REGENERATION

● PHAGOCYTES MONONUCLEAIRES ET LEUR UTILISATION POUR FAVORISER LA REGENERATION AXONIQUE

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **EISENBACH-SCHWARTZ, Michal** [IL/IL]; Rupin Street 5, 76353 Rehovot (IL). **SPIEGLER, Orly** [IL/IL]; Pinsky Street 11, 76308 Rehovot (IL).(74) **BEN-AMI, Paulina**; Yeda Research and Development Co. Ltd., Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).

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

Published / Publiée : (c)

(11) **WO 98/41221** (13) A1

(21) PCT/US98/01923

(22) **3 Feb/fév 1998 (03.02.1998)**

(25) en (26) en

(31) 08/818,962 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 35/78**(54) ● BIFURCATED METHOD TO PROCESS ALOE WHOLE LEAF

● PROCEDE BIFURQUE DE TRAITEMENT DES FEUILLES ENTIERES D'ALOE

(71) **CARRINGTON LABORATORIES, INC.** [US/US]; 2001 Walnut Hill Lane, Irving, TX 75038 (US).(72) **CERQUEIRA, Luiz**; 1418 Travis Circle North, Irving, TX 75038 (US). **MCKNIGHT, L., Scott**; 4571 North O'Connor #1327, Irving, TX 75062 (US). **RODRIGUEZ, Santiago**; Suite SJ02632, 1601 Northwest 97th Avenue Unit C-101, Miami, FL 33102 (US). **TURNER, Carlton, E.**; 1508 Nelson Drive, Irving, TX 75038 (US).(74) **CHWANG, T., Ling**; Hitt Chwang & Gaines, P.C., 225 University Plaza, 275 West Campbell Road, Richardson, TX 75080 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GM GW HU ID IL IS JP KE KG KP KR KZ LC 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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41222** (13) A1

(21) PCT/US98/05415

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,272 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 38/00, 38/19, 38/27**(54) ● OBESITY PROTEIN FORMULATIONS

● FORMULATIONS DE PROTEINE DE L'OBESITE

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **RINELLA, Joseph, V., Jr.** [US/US]; 3640 Romar Drive, Brownsburg, IN 46112 (US).(74) **KELLEY, James, J.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41223** (13) A1

(21) PCT/US98/05800

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/042,703 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **A61K 38/00, 38/02, 31/535, C07K 5/00, 7/00, A01N 37/52**
- (54) ● N-METHYL-D-ASPARTATE RECEPTOR CHANNEL BLOCKERS AND METHOD FOR IDENTIFYING SUCH
● INHIBITEURS DES CANAUX DES RECEPTEURS DE N-METHYLE-D-ASPARTATE ET PROCEDE SERVANT A LES IDENTIFIER
- (63) US 60/042,703 (CIP)
20 Mar/mar 1997 (20.03.1997)
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MONTAL, Mauricio** [-/US]; 1476 Castellana Road, La Jolla, CA 92037 (US). **FERRER-MONTIEL, Antonio** [-/ES]; Miguel-Hernandez University, Dept. of Biochemistry and Molecular Biology, Calle Monovar, E-03206 Elche (ES). **MERINO, Jaime** [-/US]; 3855 Nobel Drive #2303, San Diego, CA 92122 (US). **BLONDELL, Sylvie** [FR/US]; 12435 Carmel Pointe, San Diego, CA 92130 (US). **HOUGHTEN, Richard** [US/US]; 4939 Rancho Viejo, Del Mar, CA 92014 (US).
- (74) **TAYLOR, Stacy, L.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41224** (13) A1
- (21) PCT/US98/05362
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/041,425 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/10, C07K 7/08, A61K 38/17**
- (54) ● USE OF PROTEGRINS FOR PERIODONTAL INDICATIONS
● UTILISATION DE PROTEGRINES POUR DES INDICATIONS PARODONTALES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEHRER, Robert, I.** [US/US]; Los Angeles, CA (US). **MIYASAKI, Kenneth, T.** [US/US]; Los Angeles, CA (US).
- (74) **CIOTTI, Thomas, E.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).
- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41225** (13) A1
- (21) PCT/EP98/01432
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) 9/82235 (32) **15 Mar/mar 1997 (15.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (31) 1997/8750 (32) **14 Mar/mar 1997 (14.03.1997)** (33) KR
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/13**
- (54) ● PHARMACEUTICAL COMPOSITIONS
● COMPOSITIONS PHARMACEUTIQUES
- (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **WOO, Jong, Soo** [KR/KR]; Chunchunjukong Apt. 118-203, 333, Chunchun-dong, Jangan-gu, Suwon-shi, Kyungki-do (KR).
- (74) **BECKER, Konrad**; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41226** (13) A1
- (21) PCT/EP97/01343
- (22) **18 Mar/mar 1997 (18.03.1997)**
- (25) de (26) de
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/18 // (A61K 38/18, 33:26) (A61K 38/18, 31:295)**
- (54) ● PHARMACEUTICAL COMBINED PREPARATIONS CONTAINING ERYTHROPOIETIN AND IRON PREPARATIONS
● PREPARATIONS PHARMACEUTIQUES ASSOCIEES CONTENANT DE L'ERYTHROPOIETINE ET PREPARATIONS A BASE DE FER
- (71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D-68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEHMANN, Paul** [DE/DE]; Johann-Sebastian-Bach-Strasse 14, D-67549 Worms (DE).
- (74) **KÖSTER, Reinhold**; Boehringer Mannheim GmbH, Patentabteilung, D-68298 Mannheim (DE).
- (81) AU BG BR BY CA CN CZ EE FI GE HU IL JP KR KZ LT LV MD MK MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41227** (13) A1
- (21) PCT/JP98/01081
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) 9/82235 (32) **15 Mar/mar 1997 (15.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/18**
- (54) ● HGF FOR TREATING ACUTE RENAL FAILURE
● HGF POUR TRAITER L'INSUFFISANCE RENALE AIGUE
- (71) **SUMITOMO PHARMACEUTICALS CO., LTD.** [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORI, Ikuo** [JP/JP]; Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugade Naka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP). **NAGANO, Tomokazu** [JP/JP]; Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugade Naka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).
- (74) **HIROSE, Takayoshi**; Takahashi Building Kita-Sangokan, 6th floor, 13-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (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 GW HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41228** (13) A1
- (21) PCT/US98/05496
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/039,633 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/19, 38/36**
- (54) ● TRANSMUCOSAL INDUCTION OF TOLERANCE TO PARENTERALLY ADMINISTERED NON-AUTOLOGOUS POLYPEPTIDES
● INDUCTION, PAR LA VOIE DES MUQUEUSES, DE TOLERANCE A DES POLYPEPTIDES NON-AUTOLOGUES ADMINISTRES DE MANIERE PARENTERALE
- (71) **SHIRE LABORATORIES, INC.** [US/US]; 1550 East Gude Drive, Rockville, MD 20850 (US).
- (72) **MCGUINNESS, Charlotte, M.**; 707 Gornly Drive, Rockville, MD 20850 (US). **BURNSIDE, Beth, A.**; 1808 Briggs Chaney Road, Silver Spring, MD 20905 (US). **RUDNIC, Edward, M.**; 15103 Gravenstein Way, North Potomac, MD 20878 (US).
- (74) **SEMIONOW, Raina** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41229** (13) A1
- (21) PCT/EP98/01473
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 97104657.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) EP
- (34) CH et al. / etc.
- (43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **A61K 38/20**
- (54) ● USE OF IL-12p40 AS IMMUNOSTIMULANT
● UTILISATION DU IL-12P40 COMME IMMUNOSTIMULANT
- (71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALBER, Gottfried** [DE/DE]; Menckestr. 12, D-04155 Leipzig (DE). **BROMBACHER, Frank** [DE/DE]; University of Cape Town, Groote Schuur Hospital, Old Main Building, H-floor, 7925 Observatory, Cape Town (ZA).
- (74) **MEZGER, Wolfgang**; Grenzacherstrasse 124, CH-4070 Basle (CH).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41230** (13) A1
- (21) PCT/JP98/00999
- (22) **11 Mar/mar 1998 (11.03.1998)**
- (25) ja (26) ja
- (31) 9/82162 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 38/22**
- (54) ● PREVENTIVE AND/OR THERAPEUTIC AGENT FOR CACHEXIA
● AGENT PREVENTIF ET/OU CURATIF DE LA CACHEXIE
- (71) **SNOW BRAND MILK PRODUCTS CO., LTD.** [JP/JP]; 1-1, Naebocho 6-chome, Higashi-ku, Sapporo-shi, Hokkaido 065-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOJIRO, Masamichi** [JP/JP]; 6-1, Isaki, Chuo-ku, Fukuoka-shi, Fukuoka 810-0067 (JP). **YANO, Hirohisa** [JP/JP]; 5-2, Hikarigaoka 4-chome, Chikushino-shi, Fukuoka 818-0036 (JP). **IEMURA, Akihiro** [JP/JP]; 771-5 A-2, Higashikushihara-cho, Kurume-shi, Fukuoka 830-0003 (JP).
- (74) **FUJINO, Seiya**; Mitsuhama Building, 8F, 2-1, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AU CA KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41231** (13) A1

(21) PCT/CA98/00242

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,837 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US(31) 60/060,669 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 38/44, 48/00**

- (54) ● SUPPRESSION OF MALIGNANCY UTILIZING RIBONUCLEOTIDE REDUCTASE R1
● SUPPRESSION DE LA MALIGNITE A L'AIDE DU CONSTITUANT R1 DE LA RIBONUCLEOTIDE REDUCTASE R1
- (71) **GENESENSE TECHNOLOGIES, INC.** [CA/CA]; 100 Olivia Street, Winnipeg, Manitoba R3E 0V9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WRIGHT, Jim, A.** [CA/CA]; 15 Bryn Mawr Road, Winnipeg, Manitoba R3T 3K8 (CA). **YOUNG, Aiping, H.** [CA/CA]; 717 Pacific Avenue, Winnipeg, Manitoba R3E 1G1 (CA).
- (74) **COLLARD, Christine, J.** et al. / etc.; Scott & Ayles, 1000-60 Queen Street, Ottawa, Ontario K1P 5Y7 (CA).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41232** (13) A2

(21) PCT/US98/04916

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/820,692 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US(31) 09/016,346 (32) **30 Jan/jan 1998 (30.01.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 39/00**

- (54) ● METHODS AND COMPOSITIONS FOR MODULATING RESPONSIVENESS TO CORTICOSTEROIDS
● PROCEDES ET COMPOSITIONS PERMETTANT DE MODULER LA SENSIBILITE AUX CORTICOSTEROIDES

(63) US 08/820,692 (CIP)
US 18 Mar/mar 1997 (18.03.1997)
09/016,346 (CIP)
30 Jan/jan 1998 (30.01.1998)

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKUT, Les** [US/US]; 4 Roy Street, Westborough, MA 01581 (US). **CARTER, Adam** [US/US]; 5 Pond Street, Newburyport, MA 01950 (US). **GHAYUR, Tariq** [PK/US]; 6 Oak Street, Grafton, MA 01519 (US). **BANERJEE, Subhashis** [IN/US]; 35 Hapgood Way, Shrewsbury, MA 01545 (US). **TRACEY, Daniel, E.** [US/US]; 149 Shaker Road, Harvard, MA 01451 (US).

(74) **KARA, Catherine, J.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41233** (13) A1

(21) PCT/US98/05421

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,130 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US(31) 60/041,131 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 39/09, C12N 5/10, 9/00, 15/31, C12Q 1/14, 21/00, C07K 14/315, 16/12**

(54) ● NOVEL COMPOUNDS

● NOUVEAUX COMPOSES

(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) **BLACK, Michael, T.** [GB/US]; 502 Milhouse Way, Chester Springs, PA 19425 (US). **LAWLOR, Elizabeth, J.** [GB/GB]; 72 Sleaford Road, Ruskington, Leamford, Lincolnshire NG34 9BS (GB). **LEWIS, Ceri, J.** [GB/GB]; 4 Shepherds Hall, Linton, Cambridgeshire (GB).

(74) **FALK, Stephen, T.**; Dechert Price & Rhoads, 1717 Arch Street, Philadelphia, PA 19103 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41234** (13) A1

(21) PCT/US98/05422

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,130 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US(31) 60/041,131 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 39/09, C12N 5/10, 9/00, 15/31, C12Q 1/14, 21/00, C07K 14/315, 16/12**

(54) ● NOVEL COMPOUNDS

● NOUVEAUX COMPOSES

(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) **BLACK, Michael, T.** [GB/US]; 502 Milhouse Way, Chester Springs, PA 19425 (US). **LAWLOR, Elizabeth, J.** [GB/GB]; 72 Sleaford Road, Ruskington, Leamford, Lincolnshire NG34 9BS (GB). **LEWIS, Ceri, J.** [GB/GB]; 4 Shepherds Hall, Linton, Cambridgeshire (GB).

(74) **FALK, Stephen, T.**; Dechert Price & Rhoads, 1717 Arch Street, Philadelphia, PA 19103 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41235** (13) A1

(21) PCT/SE98/00526

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

- (31) 9701026-8 (32) **20 Mar/mar 1997** (33) SE (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 39/40, C07K 16/02**
- (54) ● USE OF AVIAN ANTIBODIES
● UTILISATION D'ANTICORPS AVIAIRES
- (71) **IMMUNSYSTEM IMS AB** [SE/SE]; P.O. Box 8012, S-750 08 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LARSSON, Anders** [SE/SE]; Västra Ågatan 22, S-753 09 Uppsala (SE). **KOLLBERG, Hans** [SE/SE]; Skolgatan 13, S-753 11 Uppsala (SE).
- (74) **NYCANDER, Maria** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 1344, S-751 43 Uppsala (SE).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41236** (13) A1
- (21) PCT/DE98/00814
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) de (26) de
- (31) 197 11 503.9 (32) **19 Mar/mar 1997** (33) DE (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 41/00, 38/13, 31/475, 45/06, 31/275 // (A61K 38/13, 31:475) (A61K 31/475, 31:275)**
- (54) ● PHARMACEUTICAL COMPOSITION FOR ELIMINATING MEMBRANE-MEDIATED CELL RESISTANCE
● COMPOSITION PHARMACEUTIQUE DESTINÉE A SUPPRIMER LA RESISTANCE CELLULAIRE D'ORIGINE MEMBRANAIRE
- (71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, D-69120 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRANZOW, Christof** [DE/DE]; Angelweg 16, D-69121 Heidelberg (DE). **PONSTINGL, Herwig** [AT/DE]; Quinckestrasse 44a, D-69120 Heidelberg (DE). **HEFFT, Irmgard** [DE/DE]; Lahrer Strasse 26, D-69126 Heidelberg (DE). **KOPUN-GRANZOW, Marijana** [DE/DE]; Angelweg 16, D-69121 Heidelberg (DE). **GROS, Gabriele** [DE/DE]; Heckerstrasse 4, D-69124 Heidelberg (DE). **STÖHR, Michael** [DE/DE]; Kirchgasse 7, D-69437 Neckargerach (DE).
- (74) **HUBER, Bernard**; Huber & Schüssler, Truderinger Strasse 246, D-81825 München (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41237** (13) A1
- (21) PCT/JP98/00933
- (22) **5 Mar/mar 1998 (05.03.1998)**
- (25) ja (26) ja
- (31) 9/64034 (32) **18 Mar/mar 1997** (33) JP (18.03.1997)

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 45/00, 31/435, C07D 471/04**
- (54) ● PREVENTIVES AND REMEDIES FOR HYPERPHOSPHATEMIA
● MEDICAMENTS POUR LA PREVENTION ET LA THERAPIE DE L'HYPERPHOSPHATEMIE
- (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) **NOMURA, Kazuhiko** [JP/JP]; 2-2-7, Showadai-cho, Takatsuki-shi, Osaka 569-0815 (JP). **SASAKI, Emiko** [JP/JP]; 2-13-7, Higashitanabe, Higashiumiyoshi-ku, Osaka-shi, Osaka 546-0032 (JP). **NAKAZI, Kazumi** [JP/JP]; 4-3-21-503, Zuikou, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0005 (JP). **KAJIHO, Tokuaki** [JP/JP]; 2-13-10, Seiwadai, Kita-ku, Kobe-shi, Hyogo 651-1121 (JP).
- (74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).
- (81) CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41238** (13) A2
- (21) PCT/US98/05314
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 60/041,261 (32) **18 Mar/mar 1997** (33) US (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 45/00**
- (54) ● METHODS AND KITS FOR TREATING AND DIAGNOSING LEIOMYOMAS
● METHODES ET KITS DE TRAITEMENT ET DE DIAGNOSTIC DE LEIOMYOMES
- (71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route #202, Raritan, NJ 08869-0602 (US).
- (72) **PALMER, Stephen, S.**; 756 Sargeantsville Road, Stockton, NJ 08559 (US). **NOWAK, Romona**; 224 Weld Street, West Roxbury, MA 02131 (US).
- (74) **CIAMPORCERO, Audley, A.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933-7002 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41239** (13) A1
- (21) PCT/GB98/00778
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 9705340.9 (32) **14 Mar/mar 1997** (33) GB (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 47/10, 47/26, 47/34**
- (54) ● COMPOSITIONS COMPRISING FLEXIBLE PARTICLES, NON-IONIC SURFACTANT AND NON-IONIC CLOUD-POINT MODIFIER

- COMPOSITIONS CONTENANT DES PARTICULES SOUPLES, UN SURFACTANT NON IONIQUE ET UN MODIFICATEUR NON IONIQUE DE POINT DE TROUBLE
- (63) US 60/057,076 (CIP)
27 Aug/août 1997 (27.08.1997)
- (71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 2, N-0401 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **COCKBAIN, Julian** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)
- (72, 75) **NA, George, C.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **STEVENS, Jack, H.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **YUAN, Barbara, O.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **SIMMONS, Daryl, M.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **McINTIRE, Gregory, L.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US).
- (74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41240** (13) A1
- (21) PCT/US98/04790
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) 60/040,711 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61K 48/00, C12N 7/01, 15/86, 15/63**
- (54) ● METHODS AND COMPOSITIONS FOR USE IN GENE THERAPY FOR TREATMENT OF HEMOPHILIA
● METHODES ET COMPOSITIONS UTILISEES EN THERAPIE GENIQUE DANS LE TRAITEMENT DE L'HEMOPHILIE
- (71) **THE CHILDREN'S HOSPITAL OF PHILADELPHIA** [US/US]; 34th Street & Civic Center Boulevard, Philadelphia, PA 19104-4318 (US).
- (72) **HIGH, Katherine, A.**; 201 Greenway Lane, Merion, PA 19066 (US). **HERZOG, Roland, W.**; 100 East Glenolden Avenue, Glenolden, PA 19036 (US).
- (74) **LEARY, Kathryn, Doyle** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41241** (13) A1
- (21) PCT/JP98/01099
- (22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja
 (31) 9/64497 (32) **18 Mar/mar 1997** (33) JP
 (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 49/00**

(54) ● MRI CONTRAST MEDIA RECOGNIZING MINOR ENVIRONMENTAL CHANGES

● MILIEUX DE CONTRASTE POUR IRM, RECONNAISSANT LES MODIFICATIONS DE L'ENVIRONNEMENT

(71) **NIHON SCHERING K. K.** [JP/JP]; 6-64, Nishimiyahara 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **AKAIKE, Toshihiro** [JP/JP]; 4-15-23, Shimohouya, Houya-shi, Tokyo 202-0004 (JP).

(72, 75) **MIKAWA, Masato** [JP/JP]; 311, Minami-machida Paku Homuzu, 318-1, Tsuruma, Machida-shi, Tokyo 194-0004 (JP). **MARUYAMA, Atsushi** [JP/JP]; 13-105, Kounandajutaku, 6-11, Hino, Kounan-ku, Yokohama-shi, Kanagawa 234-0051 (JP). **MIWA, Naoto** [JP/JP]; 15-13, Takamida, Takatsuki-shi, Osaka 569-1020 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Building, 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

(11) **WO 98/41242** (13) A1

(21) PCT/US98/04318

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 08/818,080 (32) **14 Mar/mar 1997** (33) US
 (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61K 51/10, 51/00, C07F 5/00, 9/02, C07C 233/00**

(54) ● HYDROXYMETHYL PHOSPHINE COMPOUNDS FOR USE AS DIAGNOSTIC AND THERAPEUTIC PHARMACEUTICALS AND METHOD OF MAKING SAME

● COMPOSES DE PHOSPHINE HYDROXY-METHYLIQUE A UTILISER EN TANT QUE PRODUITS PHARMACEUTIQUES DIAGNOSTIQUES ET THERAPEUTIQUES ET LEUR PROCEDE DE PRODUCTION

(71) **THE CURATORS OF THE UNIVERSITY OF MISSOURI** [US/US]; 509 Lewis Hall, Columbia, MO 65211 (US).

(72) **KATTI, Kattesh, V.**; 3901 Woodsedge Road, Columbia, MO 65203 (US). **KARRA, Srinivasa, Rao**; 2202 Whitegate Drive #21, Columbia, MO 65202 (US). **BERNING, Douglas, E.**; Apartment #56, 3416 Balboa Lane, Columbia, MO 65203 (US). **SMITH, C., Jeffrey**; 3405 B. Balboa Lane, Columbia, MO 65203 (US). **VOLKERT, Wynn, A.**; 2203 Garden Drive, Columbia, MO 65202 (US). **KETRING, Alan, R.**; 12150 Route N., Columbia, MO 65203 (US).

(74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41243** (13) A1

(21) PCT/DK98/00101

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 0295/97 (32) **17 Mar/mar 1997** (33) DK
 (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61L 2/00**

(54) ● METHOD OF THERMALLY REDUCING THE CONTAMINATION WITH PATHOGENIC ORGANISMS IN ANIMAL ENVIRONMENTS

● PROCEDE DE REDUCTION PAR VOIE THERMIQUE D'UNE CONTAMINATION PAR ORGANISMES PATHOGENES D'UN MILIEU DE VIE POUR ANIMAUX

(71) **MICRO CLEAN A/S** [DK/DK]; Skodsborgvej 48 A, DK-2830 Virum (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIELSEN, Klaus** [DK/DK]; Dådryvænget 603, DK-2980 Kokkedal (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS**; Sankt Anne Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

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

Published / Publiée : (c)

(11) **WO 98/41244** (13) A1

(21) PCT/GB98/00784

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 9705486.0 (32) **17 Mar/mar 1997** (33) GB
 (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61L 9/12, A01M 1/20, A61L 9/14**

(54) ● APPARATUS FOR DISPENSING AN AIR MODIFYING AGENT

● DISPOSITIF PERMETTANT DE LIBERER UN AGENT DESODORISANT

(71) **GLOBOL CHEMICALS (UK) LIMITED** [GB/GB]; Station Road, Bampton, Tiverton, Devon EX16 9NG (GB). **JEYES LIMITED** [GB/GB]; Brunel Way, Thetford, Norfolk IP24 1HF (GB).

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

(72, 75) **SMITH, Nigel, Peter** [GB/GB]; Chackeridge Cottage, Ashbrittle, Near Wellington, Somerset TA21 0LJ (GB). **WHITE, Richard, William** [GB/GB]; The Old Coach House, Flempton, Bury St. Edwards, Suffolk IP28 6EG (GB).

(74) **BROWN, David, Leslie**; Page Hargrave, Temple Gate House, Temple Gate, Bristol BS1 6PL (GB).

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

Published / Publiée : (c)

(11) **WO 98/41245** (13) A1

(21) PCT/US98/04765

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/821,603 (32) **20 Mar/mar 1997** (33) US
 (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61L 27/00**

(54) ● PRESSURE FLOW SYSTEM AND METHOD FOR TREATING A FLUID PERMEABLE WORKPIECE SUCH AS BONE

● SYSTEME D'ECOULEMENT SOUS PRESSION ET METHODE DE TRAITEMENT D'UNE PIECE A USINER PERMEABLE AU FLUIDE TELLE QU'UN OS

(71) **OSTEOTECH, INC.** [US/US]; 51 James Way, Eatontown, NJ 07724 (US).

(72) **SCARBOROUGH, Nelson, L.**; 47 Lambert Johnson Drive, Wayside, NJ 07712 (US). **MORRIS, John, W.**; 725 Mermaid Avenue, Beachwood, NJ 08772 (US). **RUSSELL, James, L.**; 57 Paag Circle, Little Silver, NJ 07739 (US). **DOWD, Michael**; 998 Kensington Drive, Eastampton, NJ 08060 (US).

(74) **DILWORTH, Peter, G.** et al. / etc.; Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (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 GW HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41246** (13) A2

(21) PCT/US98/06043

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/822,186 (32) **20 Mar/mar 1997** (33) US
 (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61L 27/00**

(54) ● OSTEOGENIC DEVICES AND METHODS OF USE THEREOF FOR REPAIR OF BONE

● DISPOSITIFS OSTEOGENIQUES ET METHODE POUR LES UTILISER AFIN DE REPARER L'OS

(71) **CREATIVE BIOMOLECULES, INC.** [US/US]; 45 South Street, Hopkinton, MA 01748 (US).

(72) **RUEGER, David, C.**; 81 Pine Hill Road, Southborough, MA 01772 (US). **TUCKER, Marjorie, M.**; 132 Robert Road, Holliston, MA 01746 (US). **CHANG, An-Cheng**; 8 Butterfield Drive, Westborough, MA 01581 (US).

(74) **VITO, Christine, C.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41247** (13) A1

(21) PCT/FR98/00544

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) fr (26) fr

(31) 97/03349 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 1/10**

(54) ● ARTIFICIAL HEART CAPABLE OF BEING WHOLLY IMPLANTED

● COEUR ARTIFICIEL TOTALEMENT IMPLANTABLE

(71) **CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES** [FR/FR]; 52, avenue Félix-Louat, F-60300 Senlis (FR).

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

(72, 75) **WARTELLE, Claude, André** [FR/FR]; 20, rue de la Tannerie, F-60270 Gouvieux (FR). **DE-NAMUR, Alain, Marcel** [FR/FR]; 2, Allée de Langenfeld, F-60300 Senlis (FR).

(74) **BERTRAND, Didier**; S.A. Fédit-Loriot & Autres Conseils en Propriété I, industrielle, 38, avenue Hoche, F-75008 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/41248** (13) A1

(21) PCT/US98/04849

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818,570 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 1/10**

(54) ● METHOD AND APPARATUS FOR ASSISTING A PATIENT'S HEART OPERATION

● PROCEDE ET APPAREIL PERMETTANT DE FACILITER UNE OPERATION CARDIAQUE SUR UN PATIENT

(71) **ALLEGHENY-SINGER RESEARCH INSTITUTE** [US/US]; 240 Alpha Drive, Pittsburgh, PA 15238 (US).

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

(72, 75) **MAGOVERN, James, A.** [US/US]; 603 Twin Pine Road, Pittsburgh, PA 15215 (US). **TRUMBLE, Dennis, R.** [US/US]; 1302 Arch Street, Pittsburgh, PA 15212 (US).

(74) **SCHWARTZ, Ansel, M.**; Suite 301, 425 N. Craig Street, Pittsburgh, PA 15213 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41249** (13) A1

(21) PCT/US98/04616

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 08/819,568 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 5/00**

(54) ● SPRING LOADED RETRACTABLE CANULA BLOOD DRAWING DEVICE

● DISPOSITIF DE PRELEVEMENT DE SANG DOTE D'UNE CANULE ESCAMOTABLE A RESSORT

(71, 72) **JOHNSON, Kenneth, H.** [US/US]; P.O. Box 630708, Houston, TX 77263 (US). **MOSELEY, Richard, L.** [US/US]; P.O. Box 630708, Houston, TX 77263 (US).

(74) **JOHNSON, Kenneth, H.**; P.O. Box 630708, Houston, TX 77263 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41250** (13) A2

(21) PCT/GB98/00716

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 9705292.2 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 5/30**

(54) ● NEEDLELESS INJECTOR AND HOLDER THEREFOR

● INJECTEUR SANS AIGUILLE ET SUPPORT ASSOCIE

(71) **WESTON MEDICAL LIMITED** [GB/GB]; 2a Hales Barn Workshops, New Street, Stradbroke, Eye, Suffolk IP21 5NG (GB).

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

(72, 75) **WESTON, Terence, Edward** [GB/GB]; Thornlea, Pixey Green, Stradbroke, Eye, Suffolk IP21 5JG (GB). **NUSSEY, Matthew, Simon** [GB/GB]; 723 Worrall Road, Worrall, Sheffield S30 3AU (GB).

(74) **ELKINGTON AND FIFE**; Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

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

(11) **WO 98/41251** (13) A1

(21) PCT/AU98/00166

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/820,709 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 5/50, 5/32**

(54) ● SPRING LOADED AUTOMATIC RETRACTABLE NEEDLE SYRINGE

● SERINGUE A AIGUILLE A ESCAMOTAGE AUTOMATIQUE MONTEE SUR RESSORT

(71, 72) **BADGER, Peter** [AU/AU]; 542 Frankston Dandenong Road, Carrum Downs, VIC 3201 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

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

(11) **WO 98/41252** (13) A1

(21) PCT/GB98/00758

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705388.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION APPARATUS

● DISPOSITIF D'INHALATION

(71) **BESPAK PLC** [GB/GB]; Bergen Way, North Lynn Industrial Estate, King's Lynn, Norfolk PE30 2JJ (GB).

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

(72, 75) **BRACE, Geoff** [US/US]; 3421 Savan Court, Raleigh, NC 27613 (US).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41253** (13) A1

(21) PCT/GB98/00759

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705387.0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● IMPROVED INHALATION APPARATUS

● DISPOSITIF D'INHALATION

(71) **BESPAK PLC** [GB/GB]; Bergen Way, North Lynn Industrial Estate, King's Lynn, Norfolk PE30 2JJ (GB).

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

(72, 75) **DURKIN, Jason, R.** [US/US]; Apartment 402, 127 New Bern Place, Raleigh, NC 27601 (US). **PHILLIPS, Angela, S.** [US/US]; 5004 Knaresborough Road, Raleigh, NC 27612 (US).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41254** (13) A1

(21) PCT/GB98/00770

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705657.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● AEROSOL DISPENSING DEVICE

● DISPOSITIF DE DIFFUSION D'AEROSOL

(71, 72) **BACON, Raymond, John** [GB/GB]; The Dower House, Aldsworth, Emsworth, Hampshire PO10 8QT (GB).

(74) **BROOKS, Nigel**; Hill Hampton, East Meon, Petersfield, Hampshire GU32 1QN (GB).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41255** (13) A2

(21) PCT/SE98/00456

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700935-1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE

● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENNINGS, Douglas** [GB/GB]; 25 Greengage Rise, Melbourn, Royston, Herts SG8 6DS (GB). **JEPPSSON, Magnus** [SE/SE]; Astra Draco AB, P.O. Box 34, S-221 00 Lund (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41256** (13) A2

(21) PCT/SE98/00457

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700937-7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(31) 9703829-3 (32) **21 Oct/oct 1997 (21.10.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE

● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Jan** [SE/SE]; Lundavägen 5, S-247 34 Södra Sandby (SE). **CONWAY, John** [GB/GB]; 22 Queensway, Sawston, Cambridge CB2 4DJ (GB). **DAGSLAND, Allan** [SE/SE]; Musseronvägen 13, S-374 40 Karlshamn (SE). **FRIESS, Stefan** [DE/DE]; Blankeneser Landstrasse 98, D-22587 Hamburg (DE). **HECKENMUELLER, Harald** [DE/DE]; Wuelpensand 13, D-22559 Hamburg (DE). **ROLLWAGE, Uwe** [DE/DE]; Hollandweg 13A, D-25421 Pinneberg (DE). **STRID, Hans** [SE/SE]; Idrottsvägen 28, S-234 32 Lomma (SE). **TIEDEMANN, Volker** [DE/DE]; Gechwister-Scholl-Allé 85, D-25524 Itzehoe (DE). **TROFAST, Jan** [SE/SE]; Vapenkroken 34, S-226 47 Lund (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41257** (13) A1

(21) PCT/SE98/00458

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700938-5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE

● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAGSLAND, Allan** [SE/SE]; Musseronvägen 13, S-374 40 Karlshamn (SE). **VIRTANEN, Risto** [FI/FI]; Torenvägen 10 C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

(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 GW HU ID IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41258** (13) A1

(21) PCT/SE98/00459

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700939-3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE

● INHALATEUR

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAGSLAND, Allan** [SE/SE]; Musseronvägen 13, S-374 40 Karlshamn (SE). **VIRTANEN, Risto** [FI/FI]; Torenvägen 10C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

(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 GW HU ID IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41259** (13) A1

(21) PCT/SE98/00460

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700940-1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE

● INHALATEUR

(71) **ASTRA AKTIEBOLAGET (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAGSLAND, Allan** [SE/SE]; Musseronvägen 13, S-374 40 Karlshamn (SE). **MALMQVIST-GRANLUND, Karin** [SE/SE]; Floravägen 9, S-244 41 Kävlinge (SE). **VIRTANEN, Risto** [FI/FI]; Torenvägen 10 C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAGET**; Patent Dept., S-151 85 Södertälje (SE).

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

Published / Publiée : (c)

(11) **WO 98/41260** (13) A1

(21) PCT/SE98/00461

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700943-5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE
● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIRTANEN, Risto** [FI/FI]; Torenvägen 10 C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

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

(11) **WO 98/41261** (13) A1

(21) PCT/SE98/00462

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700944-3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE
● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIRTANEN, Risto** [FI/FI]; Torenvägen 10 C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

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

(11) **WO 98/41262** (13) A1

(21) PCT/SE98/00463

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700948-4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00, B65D 41/04**

(54) ● INHALATION DEVICE
● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIRTANEN, Risto** [FI/FI]; Torenvägen 10 C, FIN-01900 Nurmijärvi (FI).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

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

(11) **WO 98/41263** (13) A1

(21) PCT/SE98/00464

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700936.9 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE
● INHALATEUR

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENNINGS, Douglas** [GB/GB]; 25 Greengage Rise, Melbourn, Royston, Herts SG8 6DS (GB).
JEPPSSON, Magnus [SE/SE]; Astra Draco AB, P.O. Box 34, S-221 00 Lund (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

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

(11) **WO 98/41264** (13) A1

(21) PCT/SE98/00465

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9700937-7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALATION DEVICE
● DISPOSITIF D'INHALATION

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Jan** [SE/SE]; Lundavägen 5, S-247 34 Södra Sandby (SE).
DAGSLAND, Allan [SE/SE]; Musseronvägen 13, S-374 40 Karlshamn (SE).
WETTERLIN, Kjell [SE/SE]; Västervång 19, S-247 34 Södra Sandby (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

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

Published / Publiée : (c)

(11) **WO 98/41265** (13) A1

(21) PCT/US98/05133

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/821,753 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 15/00**

(54) ● DRY POWDER INHALER
● INHALATEUR DE POUDRE SECHE

(71) **DURA PHARMACEUTICALS, INC.** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **EISELE, Robert**; 7475 Lusk Boulevard, San Diego, CA 92121 (US).
DAVIES, Karen; 7475 Lusk Boulevard, San Diego, CA 92121 (US).
CHEN, Jeffrey; 2370 Watson Court, Palo Alto, CA 94303 (US).
GREENSPAN, Bernard; 7475 Lusk Boulevard, San Diego, CA 92121 (US).

(74) **OHRINER, Kenneth, H.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (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 GW
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; EA (AM AZ BY
KG KZ MD RU TJ TM); EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41266** (13) A1

(21) PCT/CA97/00186

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61M 16/00, 16/12**

(54) ● ELIMINATION OF VAPOUR ANAESTHETICS FROM PATIENTS AFTER SURGICAL PROCEDURES

- ELIMINATION DE VAPEURS D'ANESTHESIQUE CHEZ UN SUJET APRES UNE INTERVENTION CHIRURGICALE
- (71, 72) **FISHER, Joseph, A.** [CA/CA]; 113 Franmore Circle, Thornhill, Ontario L4J 3B9 (CA).
- (74) **HUGHES, ETIGSON**; Suite 200, 175 Commerce Valley Drive West, Thornhill, Ontario L3T 7P6 (CA).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41267** (13) A1
- (21) PCT/US98/03747
- (22) **24 Feb/fév 1998 (24.02.1998)**
- (25) en (26) en
- (31) 08/818,567 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/00**
- (54) ● SYSTEM AND METHOD FOR SETTING AND DISPLAYING VENTILATOR ALARMS
● SYSTEME ET PROCEDE DE REGLAGE ET D'AFFICHAGE D'ALARMS DE RESPIRATEUR
- (71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **WALLACE, Charles, L.**; Apartment F204, 7702 Caminito Leon, Carlsbad, CA 92009 (US). **SANBORN, Warren, G.**; 428 Avenida Adobe, Escondido, CA 92025 (US). **ARNETT, David**; 400 Fairway Drive, Half Moon Bay, CA 94019 (US). **BUTTERBRODT, Jay**; 20334 Rosemeade Lane, Lawrenceburg, IN 47025 (US). **FERGUSON, Howard, L.**; E. 11006 Boundary Road, Elk, WA 99009 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41268** (13) A1
- (21) PCT/US98/03748
- (22) **24 Feb/fév 1998 (24.02.1998)**
- (25) en (26) en
- (31) 08/818,173 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/00**
- (54) ● SYSTEM AND METHOD FOR DISCONNECTION AND OCCLUSION DETECTION IN A PATIENT VENTILATOR
● SYSTEME ET PROCEDE PERMETTANT DE DECELER LE DEBRANCHEMENT ET L'OCCLUSION D'UN RESPIRATEUR COTE MALADE
- (71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **ISAZA, Fernando, J.**; 3897 Woodvale Drive, Carlsbad, CA 92008-5727 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41269** (13) A1
- (21) PCT/US98/03755
- (22) **24 Feb/fév 1998 (24.02.1998)**
- (25) en (26) en
- (31) 08/818,808 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/00**
- (54) ● SYSTEM AND METHOD FOR CONTROLLING THE START UP OF A PATIENT VENTILATOR
● SYSTEME ET PROCEDE POUR COMMANDER LA MISE EN ROUTE D'UN RESPIRATEUR
- (71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **WALLACE, Charles, L.**; Apartment F204, 7702 Caminito Leon, Carlsbad, CA 92009 (US). **SANBORN, Warren, G.**; 428 Avenida Adobe, Escondido, CA 92025 (US). **ARNETT, David**; 400 Fairway Drive, Half Moon Bay, CA 94019 (US). **FERGUSON, Howard, L.**; E. 11006 Boundary Road, Elk, WA 99009 (US). **BUTTERBRODT, Jay**; 20334 Rosemeade Lane, Lawrenceburg, IN 47025 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41270** (13) A1
- (21) PCT/US98/03756
- (22) **24 Feb/fév 1998 (24.02.1998)**
- (25) en (26) en
- (31) 08/818,201 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/00**
- (54) ● GRAPHIC USER INTERFACE FOR A PATIENT VENTILATOR
● INTERFACE GRAPHIQUE UTILISATEUR POUR RESPIRATEUR
- (71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **WALLACE, Charles, L.**; Apartment F204, 7702 Caminito Leon, Carlsbad, CA 92009 (US). **SANBORN, Warren, G.**; 428 Avenida Adobe, Escondido, CA 92025 (US). **ARNETT, David**; 400 Fairway Drive, Half Moon Bay, CA 94019 (US). **BUTTERBRODT, Jay**; 20334 Rosemeade Lane, Lawrenceburg, IN 47025 (US). **FERGUSON, Howard, L.**; E. 11006 Boundary Road, Elk, WA 99009 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41271** (13) A1
- (21) PCT/US98/03770
- (22) **24 Feb/fév 1998 (24.02.1998)**
- (25) en (26) en
- (31) 08/818,807 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/00**
- (54) ● VENTILATOR BREATH DISPLAY AND GRAPHIC USER INTERFACE
● AFFICHAGE DU CYCLE RESPIRATOIRE D'UN RESPIRATEUR ET INTERFACE GRAPHIQUE UTILISATEUR
- (71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **WALLACE, Charles, L.**; Apartment F204, 7702 Caminito Leon, Carlsbad, CA 92009 (US). **SANBORN, Warren, G.**; 428 Avenida Adobe, Escondido, CA 92025 (US). **ARNETT, David**; 400 Fairway Drive, Half Moon Bay, CA 94019 (US). **BUTTERBRODT, Jay**; 20334 Rosemeade Lane, Lawrenceburg, IN 47025 (US). **FERGUSON, Howard, L.**; E. 11006 Boundary Road, Elk, WA 99009 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41272** (13) A1
- (21) PCT/US98/05029
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 08/819,289 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
- (31) 08/829,737 (32) **31 Mar/mar 1997 (31.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **A61M 16/04**
- (54) ● OROTRACHEAL INTUBATION GUIDE
● GUIDE-TUBE D'INTUBATION OROTRACHEALE
- (63) US 08/819,289 (CIP)
18 Mar/mar 1997 (18.03.1997)
- (71) **PARKER MEDICAL LIMITED PARTNERSHIP** [US/US]; 2121 Herrick Avenue, Cincinnati, OH 45208 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARKER, Jeffrey, D.** [US/US]; 2219 Grandin Road, Cincinnati, OH 45208 (US).
- (74) **GROSSMAN, Kurt, L.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41273** (13) A1
(21) PCT/US98/05173
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/819,783 (32) **18 Mar/mar 1997 (18.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61M 16/04**
(54) ● ENDOTRACHEAL TUBE
● TUBE ENDOTRACHEAL
(63) US 08/819,783 (CIP)
18 Mar/mar 1997 (18.03.1997)
- (71) **PARKER MEDICAL LIMITED PARTNER-SHIP** [US/US]; 2121 Herrick Avenue, Cincinnati, OH 45208 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARKER, Jeffrey, D.** [US/US]; 2219 Grandin Road, Cincinnati, OH 45208 (US).
- (74) **GROSSMAN, Kurt, L.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (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 GW 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: AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (11) **WO 98/41274** (13) A1
(21) PCT/US98/03754
(22) **24 Feb/fév 1998 (24.02.1998)**
(25) en (26) en
(31) 08/818,171 (32) **14 Mar/mar 1997 (14.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61M 16/20, F16K 31/08, H01F 7/06**
(54) ● EXHALATION VALVE FOR A PATIENT VENTILATOR
● VALVE EXPIRATOIRE POUR RESPIRATEUR
(71) **NELCOR PURITAN BENNETT INCORPORATED** [US/US]; 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (72) **YARNALL, Stephen, T.**; 12741 Shadowline Street, Poway, CA 92064 (US). **WINTER, David, P.**; 336 Paseo Pacifica, Encinitas, CA 92024 (US). **VAN WAGNER, Bruce.**; 3536 Orchard Way, Oceanside, CA 92054 (US).
- (74) **KOVACH, Dennis, E.**; Nellcor Puritan Bennett Incorporated, Legal Dept., 4280 Hacienda Drive, Pleasanton, CA 94588 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41275** (13) A1
(21) PCT/US98/05308
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 818,353 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61M 25/01**
(54) ● ROTATABLE CONTROL MECHANISM FOR STEERABLE CATHETER
● MECANISME DE COMMANDE ROTATIF DE CATHETER ORIENTABLE
(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ (US).
- (72) **FALWELL, Gary, S.**; 28 Trolley Street, Manchester, NH 03109 (US).
- (74) **LEASON, David** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41276** (13) A1
(21) PCT/US98/05309
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 818,352 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61M 25/092**
(54) ● SLIDABLE CONTROL MECHANISM FOR STEERABLE CATHETER
● MECANISME DE COMMANDE COULISSANT DE CATHETER ORIENTABLE
(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ (US).
- (72) **FALWELL, Gary, S.**; 28 Trolley Street, Manchester, NH 03109 (US). **KARAKOZIAN, Sarkis**; 25 Grove Street, Belmont, MA 02178 (US).
- (74) **LEASON, David** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41277** (13) A1
(21) PCT/US98/05356
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/820,724 (32) **19 Mar/mar 1997 (19.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61M 29/00**
(54) ● IMPROVED MULTI-LUMEN CATHETER
● CATHETER AMELIORE A PLUSIEURS LUMIERES
(71) **MICROVENA CORPORATION** [US/US]; 1861 Buerkle Road, White Bear Lake, MN 55110-5246 (US). **INFINITY EXTRUSION & ENGINEERING, INC.** [US/US]; Building 6, 3350 Scott Boulevard, Santa Clara, CA 95054 (US).
- (72) **WIESNER, Steven**; 1183 Yarwood Court, San Jose, CA 95128 (US). **WILKINS, Douglas**; 989 Leo Drive, San Jose, CA 95129 (US). **SEGER-MARK, James**; 3635 Big Fox Road, Gem Lake, MN 55110 (US).
- (74) **HOTCHKISS, Edward, S.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 2nd Avenue South, Minneapolis, MN 55402-3397 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41278** (13) A1
(21) PCT/US98/05464
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/820,303 (32) **18 Mar/mar 1997 (18.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61N 1/04**
(54) ● MULTIFUNCTION ELECTRODE
● ELECTRODE MULTIFONCTIONS
(71) **LUDLOW CORPORATION** [US/US]; 2 Ludlow Park Drive, Chicopee, MA 01022 (US).
- (72) **FERRARI, R., Keith**; 4669 Bethesda Road, Thompson Station, TN 37179 (US).
- (74) **HELLER, Stephen, B.**; Cook, McFarron & Manzo, Suite 4100, 135 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AL AT BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LT LV MG MK MN MX NO NZ PL RO SG SI TR TT UA UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41279** (13) A1
(21) PCT/US98/05228
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 60/039,330 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **A61N 1/08**
(54) ● PHYSIOLOGIC SIGNS FEEDBACK SYSTEM
● SYSTEME DE RETOUR DE L'INFORMATION CONCERNANT DES SIGNES PHYSIOLOGIQUES
(71) **NIMS, INC.** [US/US]; 1840 West Avenue, Miami Beach, FL 33139 (US).
- (72) **SACKNER, Marvin, A.**; 300 West Rivo Alto Drive, Miami Beach, FL 33139 (US). **INMAN, D., Michael**; 759 N.E. 75th Street, Miami, FL 33138 (US).
- (74) **PAVANE, Martin, B.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (US).
- (81) IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41280** (13) A1
(21) PCT/US98/04922
(22) **11 Mar/mar 1998 (11.03.1998)**
(25) en (26) en

(31) 08/821,104 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61N 1/30**

(54) ● SELF-CONTAINED HYDRATING SYSTEM AND IONTOPHORESIS BIOELECTRODE
● SYSTEME D'HYDRATATION AUTONOME ET BIOELECTRODE D'IONOPHORESE

(71) **DERMION, INC.** [US/US]; Suite D, 1290 West 2320 South, Salt Lake City, UT 84119 (US).

(72) **BECK, Jon, E.**; 3445 East Del Verde Avenue, Salt Lake City, UT 84109 (US).

(74) **SEELEY, David, O.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AU CA JP KP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41281** (13) A1

(21) PCT/US98/05196

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,910 (32) **17 Mar/mar 1997** (33) US
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61N 1/32**

(54) ● INTEGRAL SHEATING APPARATUS FOR TISSUE RECOGNITION PROBES
● APPAREIL D'ENGAINEMENT INCORPORE POUR SONDAS DE RECONNAISSANCE DE TISSU

(71) **POLARTECHNICS, LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).

(71, 72) **WUNDERMAN, Irwin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).

(72) **SKLADNEV, Victor**; 1 Russell Street, Vaucluse, NSW 2030 (AU). **THOMPSON, Richard, L.**; Killarney Heights, NSW 2087 (AU).

(74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41282** (13) A1

(21) PCT/SE98/00481

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) sv (26) en

(31) 9700984-9 (32) **18 Mar/mar 1997** (33) SE
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A61N 5/10, A61M 25/098, A61B 6/12**

(54) ● ARRANGEMENT AND REFERENCE MEANS TO DIRECT A BEAM IN RADIATION THERAPY
● SYSTEME ET DISPOSITIF DE REFERENCE PERMETTANT DE DIRIGER UN FAISCEAU EN RADIOTHERAPIE

(71, 72) **WIDMARK, Anders** [SE/SE]; Tvärågatan 26, S-903 55 Umeå (SE). **LÖFROTH, Per-Olov** [SE/SE]; Häradsövdingegatan 7 C, S-903 31 Umeå (SE). **BERGSTROM, Per** [SE/SE]; Kråkbärsvägen 5, S-904 34 Umeå (SE).

(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S-104 35 Stockholm (SE).

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

(11) **WO 98/41283** (13) A1

(21) PCT/US98/02124

(22) **5 Feb/fév 1998 (05.02.1998)**

(25) en (26) en

(31) 08/819,577 (32) **14 Mar/mar 1997** (33) US
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A62B 35/00**

(54) ● A HARNESS FOR HUMAN WEAR
● HARNAIS A USAGE HUMAIN

(71) **THE UNITED STATES OF AMERICA SECRETARY OF THE ARMY** [US/US]; The Pentagon, Washington, DC 20231 (US).

(71, 72) **SADECK, James, E.** [US/US]; 51 East Howland Road, East Freetown, MA 02717 (US).

(74) **RANUCCI, Vincent, J.**; Office of Chief Counsel, U.S. Army Soldier Systems Command, Natick, MA 01760-5035 (US).

(81) AU BR CA IL JP NZ RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41284** (13) A1

(21) PCT/FR98/00432

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) fr (26) fr

(31) 97/03384 (32) **14 Mar/mar 1997** (33) FR
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A62B 35/04**

(54) ● SHOCK ABSORBING SAFETY BELT
● SANGLE AMORTISSEUSE DE SECURITE

(71) **FAURE ROUX (S.A.R.L.)** [FR/FR]; Zone Industrielle du Coin, F-42400 Saint Chamond (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARGE, Dominique** [FR/FR]; 6, rue Grozagaque, F-42800 Rive de Gier (FR). **GODAIS, Pierre-Yves** [FR/FR]; 7, rue Charles Perrault, F-69800 Saint Priest (FR).

(74) **THIVILLIER, Patrick** et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale 203, F-42005 Saint Etienne Cedex (FR).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41285** (13) A1

(21) PCT/NO98/00086

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) no (26) en

(31) 971259 (32) **19 Mar/mar 1997** (33) NO
(19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A62C 2/00 // 8/06**

(54) ● HEAT PROTECTION ELEMENT
● ELEMENT DE PROTECTION THERMIQUE

(71, 72) **NORDVIK, Atle** [NO/US]; Central Avenue, Vienna, VA 22182-5193 (US).

(74) **PATENTKONTORET CURO A/S**; Melhus, N-7094 Lundamo (NO).

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

(11) **WO 98/41286** (13) A1

(21) PCT/US98/02878

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) en (26) en

(31) 60/039,356 (32) **19 Mar/mar 1997** (33) US
(19.03.1997)

(31) 08/862,980 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A62C 13/62, B05B 1/26**

(54) ● APPARATUS AND METHOD FOR FIRE SUPPRESSION
● APPAREIL ET PROCEDURE D'EXTINCTION

(71) **GREAT LAKES CHEMICAL CORPORATION** [US/US]; Highway 52 N.W., P.O. Box 2200, West Lafayette, IN 47906 (US). **METALCRAFT, INCORPORATED** [US/US]; 9331-A Philadelphia Road, Baltimore, MD 21237 (US).

(72) **ELLIS, Ernest, E., Jr.**; 11501 Holt Road, Kingville, MD 21087 (US). **SAIN, Michael, C.**; 5921 Ebenezer Road, Baltimore, MD 21162 (US). **ROBIN, Mark, L.**; 5411 Hillside Lane, West Lafayette, IN 47906 (US). **GINN, Steven, T.**; 71 Peregrine Court, West Lafayette, IN 47906 (US).

(74) **HENRY, Thomas, Q.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41287** (13) A2

(21) PCT/EP98/01566

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 348.6 (32) **18 Mar/mar 1997** (33) DE
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A62C 31/02**

- (54) ● BRONZE SPRINKLER NOZZLES AND SPRINKLER SYSTEMS COMPRISING THE SAME
● BUSES POUR TETES D'EXTINCTION EN BRONZE ET INSTALLATIONS LES RENFERMANT

(71, 72) **LÜDDECKE, Werner** [DE/DE]; Birkenweg 4, D-67259 Grossniedesheim (DE).

(74) **ZELLENTIN, Wiger**; Zellentín & Partner, Rubensstrasse 30, D-67061 Ludwigshafen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41288** (13) A2

(21) PCT/US98/05369

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,412 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B**

- (54) ● DEVICE FOR RESTRAINING A GOLFER'S FEET
● DISPOSITIF SERVANT A RESTREINDRE DES MOUVEMENTS DE PIEDS D'UN GOLFEUR

(71, 72) **BYNER, Earnest, A.** [US/US]; 25 West Minsler Bridgeway, Timonium, MD 21093 (US).

(74) **GORECKI, John, C.** et al. / etc.; Patent Prosecution Group, Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41289** (13) A1

(21) PCT/GB98/00773

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705331.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(31) 08/878,393 (32) **18 Jun/juin 1997 (18.06.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B 23/04, 21/008**

- (54) ● EXERCISING APPARATUS
● APPAREIL D'EXERCICE

(71, 72) **MURPHY, Douglas** [GB/GB]; 12 St. Kilda Drive, Jordanhill, Glasgow G14 9JN (GB). **WYLLIE, David, Buchanan** [GB/GB]; 1(a) Burnside Road, Whitecraigs, Glasgow G46 6TT (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruickshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(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 GW HU ID IL IS JP KE KG KP KR KZ LC 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41290** (13) A2

(21) PCT/DE98/00745

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 11 221.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B 43/00**

- (54) ● THROWING OBJECT
● OBJET A LANCER

(71, 72) **CADERA, Tom** [DE/DE]; Nordstrasse 2, D-97276 Margetshöchheim (DE).

(74) **REHMANN, Thorsten**; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, D-38122 Braunschweig (DE).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41291** (13) A1

(21) PCT/US98/05374

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,562 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B 53/04**

- (54) ● METHOD OF MAKING ETCHED GOLF CLUB PARTS
● PROCEDE DE FABRICATION DE PARTIES DE CANNES DE GOLF GRAVEES

(71) **STURM, RUGER & COMPANY, INC.** [US/US]; Lacey Place, Southport, CT 06490 (US).

(72) **THORNE, John, K.**; 2197 Clubhouse Drive, Prescott, AZ 86301 (US). **POPLASKI, Chester, E.**; 1096 Filkins Road, Newark, NY 14513 (US).

(74) **MCKENNEY, Charles, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CN JP MX.

(11) **WO 98/41292** (13) A1

(21) PCT/US98/03803

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/039,203 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B 59/12**

- (54) ● HOCKEY STICK SHAFTS, HOCKEY STICKS, AND METHODS OF MAKING THEM

- MANCHES DE CROSSE DE HOCKEY, CROSSES DE HOCKEY ET PROCEDE DE PRODUCTION

(71) **INNOVATIVE HOCKEY, INC.** [US/US]; 1151 Avenida Acaso, Camarillo, CA 93012 (US).

(71, 72) **KUNISAKI, Ronald, H.** [US/US]; 581 Calle Arroyo, Thousand Oaks, CA 91360 (US). **OSHINOMI, Kirk, S.** [US/US]; 2257 West 232nd Street, Torrance, CA 90501 (US). **WONG, Thomas, G.** [US/US]; 9604 Weybridge Court, Cypress, CA 90630 (US).

(74) **BROWN, Kevin, C.**; Nikaido, Marmelstein, Murray & Oram, LLP, Metropolitan Square, "G" Street Lobby, Suite 330, 655 15th Street, N.W., Washington, DC 20005-5701 (US).

(81) CA CN KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41293** (13) A1

(21) PCT/CA97/00179

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63B 65/10, A63H 33/18**

- (54) ● FLYING DISC TOY WITH LIGHTING SYSTEM
● DISQUE VOLANT A SYSTEME D'ECLAIRAGE

(71, 72) **VANDERMAAS, John** [CA/CA]; 102, 2524 - 66 Avenue, S.W., Calgary, Alberta T3E 5K3 (CA).

(74) **SEABY, George**; Seaby & MacLean, 708 - 880 Wellington Street, Ottawa, Ontario K1R 6K7 (CA).

(81) AU BB BR CN IL JP KP KR MX NO NZ SG TT; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41294** (13) A1

(21) PCT/EP98/01536

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 197 11 309.5 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **A63C 17/06**

- (54) ● ROLLER SKATE WITH ROLLERS ARRANGED IN A SINGLE LINE
● PATIN A ROULETTES EN LIGNE

(71, 72) **CAGAN, Michael, N.** [US/ES]; Calle Mayor, 62, E-07144 Costix, Balearen (ES).

(74) **ZMYJ, Erwin**; Rosenheimer Strasse 52, D-81669 München (DE).

(81) AU BR CA JP MX NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41295** (13) A1

(21) PCT/DE98/00767

(22) **14 Mar/mar 1998 (14.03.1998)**

- (25) de (26) de
 (31) 197 10 979.9 (32) **17 Mar/mar 1997** (33) DE
 (17.03.1997)
 (31) 197 29 939.3 (32) **12 Jul/juil 1997** (33) DE
 (12.07.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A63C 17/14, 17/22**
 (54) ● WHEEL AND BELT DRIVE WITH TRANSVERSAL BRAKE
 ● ROULETTE ET COMMANDE A COURROIE A FREIN TRANSVERSAL
 (71, 72) **SCHATZ, Viktor** [DE/DE]; Deutscherrenstrasse 92, D-53177 Bonn (DE).
 (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41296** (13) A1
 (21) PCT/BE98/00024
 (22) **20 Feb/fév 1998** (20.02.1998)
 (25) nl (26) en
 (31) 9700174 (32) **27 Feb/fév 1997** (33) BE
 (27.02.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A63F 9/04, G07F 17/34**
 (54) ● AUTOMATIC DICE GAME MACHINE
 ● MACHINE DE JEU DE DES AUTOMATIQUE
 (71) **ELAUT, NAAMLOZE VENNOOTSCHAP** [BE/BE]; Europark-Oost 6, B-9100 Sint Niklaas (BE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VERSTRAETEN, Eric** [BE/BE]; De Cauwerstraat 67, B-9100 Sint Niklaas (BE).
 (74) **OTTELOHE, Joseph**; Bureau Ottelohe J.R. b.v.b.a., Fruithoflaan 105, Bus 3, B-2600 Antwerp (BE).
 (81) AU BR CN JP RU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41297** (13) A1
 (21) PCT/AU98/00158
 (22) **13 Mar/mar 1998** (13.03.1998)
 (25) en (26) en
 (31) PO 5632 (32) **14 Mar/mar 1997** (33) AU
 (14.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A63F 9/16**
 (54) ● PLAYTHINGS
 ● JOUETS
 (71) **YO HO ENTERPRISES AUSTRALIA PTY. LTD.** [AU/AU]; 26 Staple Street, Seventeen Mile Rocks, QLD 4073 (AU). **HATTERHURST PTY. LTD.** [AU/AU]; 21 Joplin Street, Robertson, QLD 4109 (AU).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HENDERSON, Desmond, James** [AU/AU]; 21 Joplin Street, Robertson, QLD 4109 (AU). **SZUMER, David** [AU/AU]; 46 Willunga Street, Brookfield, QLD 4069 (AU).
 (74) **HORSBURGH, Mark, Alexander**; Fisher Adams Kelly, Level 13, AMP Place, 10 Eagle Street, G.P.O. Box 1413, Brisbane, QLD 4000 (AU).

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

- (11) **WO 98/41298** (13) A1
 (21) PCT/AU98/00178
 (22) **19 Mar/mar 1998** (19.03.1998)
 (25) en (26) en
 (31) PO 5745 (32) **19 Mar/mar 1997** (33) AU
 (19.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A63F 9/18**
 (54) ● A GAME
 ● JEU
 (71, 72) **HALVERSON, Lesley, Kay** [AU/AU]; 62 King Street, Annerley, QLD 4103 (AU).
 (74) **KELLY, Robin, Thomas**; Fisher Adams Kelly, Level 13, 10 Eagle Street, G.P.O. Box 1413, Brisbane, QLD 4000 (AU).
 (81) AU CA JP KR NZ SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41299** (13) A1
 (21) PCT/JP97/02932
 (22) **25 Aug/août 1997** (25.08.1997)
 (25) ja (26) ja
 (31) 9/61513 (32) **14 Mar/mar 1997** (33) JP
 (14.03.1997)
 (31) 9/178022 (32) **3 Jul/juil 1997** (33) JP
 (03.07.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **A63F 9/22, G09B 9/00**
 (54) ● PORTABLE GAME MACHINE FOR SIMULATING GROWTH OF VIRTUAL LIVING CREATURE
 ● JEU ELECTRONIQUE PORTABLE SIMULANT LA CROISSANCE D'UN ANIMAL VIRTUEL
 (71) **SEFT DEVELOPMENT LABORATORY CO., LTD.** [JP/JP]; 19-6, Shikatebukuro 6-chome, Urawa-shi, Saitama 336 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ICHIGAYA, Hiroshi** [JP/JP]; 19-6, Shikatebukuro 6-chome, Urawa-shi, Saitama 336 (JP).
 (74) **HANDA, Masao**; 4F Sanei Building, 3-8, Wada 2-chome, Suginami-ku, Tokyo 166 (JP).
 (81) AU CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41300** (13) A1
 (21) PCT/EP98/01424
 (22) **12 Mar/mar 1998** (12.03.1998)
 (25) de (26) de
 (31) 197 11 083.5 (32) **18 Mar/mar 1997** (33) DE
 (18.03.1997)

- (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B01D 15/00, 63/10, B01J 20/28, B01D 15/08**
 (54) ● ADSORPTIVE SUBSTANCE SEPARATION DEVICE WITH ADSORPTION MEMBRANES
 ● DISPOSITIF POUR LA SEPARATION DE SUBSTANCES PAR ADSORPTION AU MOYEN DE MEMBRANES ADSORBANTES
 (71) **SARTORIUS AG** [DE/DE]; Weender Landstrasse 94-108, D-37075 Göttingen (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NUSSBAUMER, Dietmar** [AT/DE]; Im Tal 1, D-37079 Göttingen (DE). **TO VINH, Khuong** [FR/DE]; Prof.-Martini-Strasse 16, D-31167 Bockenem (DE). **WEISS, Abdul** [DE/DE]; Elli-Heuss-Knapp-Strasse 3, D-37075 Göttingen (DE).
 (81) AU CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41301** (13) A1
 (21) PCT/EP98/01426
 (22) **12 Mar/mar 1998** (12.03.1998)
 (25) de (26) de
 (31) 197 11 186.6 (32) **18 Mar/mar 1997** (33) DE
 (18.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B01D 15/00, 63/10, B01J 20/28**
 (54) ● FLUID-TREATMENT DEVICE
 ● DISPOSITIF POUR LE TRAITEMENT DE LIQUIDES
 (71) **SARTORIUS AG** [DE/DE]; Weender Landstrasse 94-108, D-37075 Göttingen (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NUSSBAUMER, Dietmar** [AT/DE]; Im Tal 1, D-37079 Göttingen (DE).
 (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41302** (13) A1
 (21) PCT/EP98/01427
 (22) **12 Mar/mar 1998** (12.03.1998)
 (25) de (26) de
 (31) 197 11 173.4 (32) **18 Mar/mar 1997** (33) DE
 (18.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B01D 15/08, G01N 30/46**
 (54) ● METHOD AND INSTALLATION FOR ADSORPTIVE SUBSTANCE SEPARATION
 ● PROCEDE ET INSTALLATION POUR SEPARATION DE MATIERES PAR ADSORPTION
 (71) **SARTORIUS AG** [DE/DE]; Weender Landstrasse 94-108, D-37075 Göttingen (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DEMMER, Wolfgang** [DE/DE]; Obere Lindenbreite 11, D-37077 Göttingen (DE). **NUSSBAUMER, Dietmar** [AT/DE]; Im Tal 1, D-37079 Göttingen (DE). **WEISS, Abdul** [DE/DE]; Elli-Heuss-Knapp-Strasse 3, D-37075 Göttingen (DE).

(81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41303** (13) A1

(21) PCT/EP98/01525

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 297 04 839.2 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 17/02, C02F 1/40, E03F 5/16, B01D 21/24**

(54) ● SEPARATOR AND SEPARATION METHOD FOR SEPARATING ORGANIC LIGHT-WEIGHT MATERIALS FROM WASTE WATER

● SEPARATEUR ET PROCEDE DE SEPARATION POUR LA SEPARATION DE MATIERES LEGERES ORGANIQUES DANS DES EAUX USEES

(71) **PASSAVANT-WERKE AG** [DE/DE]; D-65322 Aarbergen (DE).

(72) **HICKL, Herbert**; Palmbachstrasse 10, D-65326 Aarbergen (DE). **EMMEL, Klaus**; Bornweg 3, D-56370 Rettert (DE). **HELFFENSTEIN, Elke**; Hohlbachstrasse 27a, D-65558 Flacht (DE).

(74) **GLAWE, DELFS, MOLL & PARTNER**; Postfach 26 01 62, D-80058 München (DE).

(81) CN CZ PL SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41304** (13) A1

(21) PCT/NO98/00085

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) no (26) en

(31) 971290 (32) **19 Mar/mar 1997 (19.03.1997)** (33) NO

(31) 972439 (32) **28 May/mai 1997 (28.05.1997)** (33) NO

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 17/02, 17/025**

(54) ● A METHOD AND DEVICE FOR THE SEPARATION OF A FLUID IN A WELL

● PROCEDE ET DISPOSITIF DE SEPARATION D'UN FLUIDE DANS UN PUIT

(71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SØNTVEDT, Terje** [NO/NO]; Søndre Gjetum 58, N-1346 Gjetum (NO). **GRAMME, Per, Eivind** [NO/NO]; Steinringen 12, N-3931 Porsgrunn (NO). **KAMPS, Hielke** [NO/NO]; Rudshagan 2, N-3430 Spikkestad (NO). **ALMDAHL, Per, Magne** [NO/NO]; Tr. Strømbegsvei 5A, N-1263 Oslo (NO).

(74) **HOFSETH, Svein**; Norsk Hydro ASA, N-0240 Oslo (NO).

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

(11) **WO 98/41305** (13) A2

(21) PCT/AT98/00068

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) A 465/97 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 29/03, B29C 47/68**

(54) ● DEVICE FOR FILTERING AN IMPURE FLUID

● DISPOSITIF POUR LA FILTRATION D'UN FLUIDE CONTAMINE

(71) **LENZING AKTIENGESELLSCHAFT** [AT/AT]; Werkstrasse 2, A-4860 Lenzing (AT). **KREYENBORG VERWALTUNGEN & BETEILIGUNGEN GMBH & CO. KG** [DE/DE]; Coermühle 1, D-48157 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALT, Wolfram** [AT/AT]; Übersbach 209, A-8280 Fürstenfeld (AT). **SCHWENNINGER, Franz** [AT/AT]; A-7563 Königsdorf 255 (AT). **LONGIN, Michael** [AT/AT]; Waldstrasse 27/8, A-4860 Lenzing (AT). **STUDE, Rolf-Rüdiger** [DE/DE]; Schneidemühler Strasse 32, D-48157 Münster (DE). **KREYENBORG, Jan-Udo** [DE/DE]; Alerdincstrasse 7, D-48145 Münster (DE).

(74) **SCHWARZ, Albin** et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).

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

(11) **WO 98/41306** (13) A1

(21) PCT/US98/04660

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818.797 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 35/143, 46/42**

(54) ● A FILTER ELEMENT HAVING A STORAGE DEVICE FOR KEEPING TRACK OF FILTER USAGE AND A SYSTEM FOR USE THEREWITH

● FILTRE AYANT UN DISPOSITIF DE STOCKAGE POUR LE SUIVI DE L'USAGE DU FILTRE ET SYSTEME A UTILISER AVEC CELUI-CI

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HOAQUE, Michael, Paul**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HANSON, Karl, G.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41307** (13) A1

(21) PCT/EP97/04001

(22) **24 Jul/juil 1997 (24.07.1997)**

(25) de (26) de

(31) 297 04 701.9 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 46/42, 46/52**

(54) ● CONTINUOUS FORM GAS FILTER WITH FULLY INCINERABLE FINE FILTER CARTRIDGE FOR MEDIA LOADED WITH SOLID PARTICLES

● FILTRE POUR GAZ SOUS FORME DE PASSAGE COMPORTANT UNE CARTOUCHE DE FILTRATION FINE ENTIEREMENT INCINERABLE ET DESTINE AUX MILIEUX CHARGES EN PARTICULES SOLIDES

(71) **VOTECH FILTER GMBH** [DE/DE]; Gladbacher Strasse 39, D-52525 Heinsberg (DE).

(72) **VAN OOLJEN, Maarten, H.**; Heuvel 17, NL-6042 JP Roermond (NL).

(81) CZ HU PL SI SK TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41308** (13) A1

(21) PCT/US98/04712

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/815.016 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01D 53/22, C08F 22/38, 20/56, 8/32, C08G 65/32**

(54) ● MEMBRANES COMPRISING AMINOALCOHOLS IN HYDROPHILIC POLYMERS

● MEMBRANES COMPRENANT DES AMINOALCOOLS DANS LES POLYMERES HYDROPHILES

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **HO, W., S., Winston**; 15 Nottingham Road, Annandale, NJ 08801 (US).

(74) **HANTMAN, Ronald, D.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41309** (13) A1

(21) PCT/EP98/01613

(22) **19 Mar/mar 1998 (19.03.1998)**

- (25) de (26) de
- (31) 197 11 529.2 (32) **19 Mar/mar 1997** (33) DE (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 53/50, 53/56, 53/68**
- (54) ● METHOD FOR REMOVING HARMFUL ACID SUBSTANCES FROM WASTE GASES
● PROCÉDE D'ÉLIMINATION DE SUBSTANCES NOCIVES ACIDES CONTENUES DANS DES EFFLUENTS GAZEUX
- (71) **SCHNEIDER ENGINEERING** [DE/DE]; Dorstener Strasse 360, D-44653 Herne (DE).
- (72) **BACH, Hans, Friedrich**; Wolfpratshäuser Strasse 66, D-82049 Pullach (DE). **KRELMES, Horst**; Baumburger Leite 32, D-83352 Altenmarkt (DE).
- (74) **HANSEN, Bernd** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).
- (81) CZ HU PL SI SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41310** (13) A1
- (21) PCT/NL98/00153
- (22) **17 Mar/mar 1998** (17.03.1998)
- (25) nl (26) en
- (31) 1005578 (32) **20 Mar/mar 1997** (33) NL (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 53/70, 53/72**
- (54) ● PROCESS FOR THE REMOVAL OF CONTAMINANTS FROM A GAS, USING A GAS CLEANING AGENT
● PROCÉDE D'ENLEVEMENT DE CONTAMINANTS A PARTIR D'UN GAZ, AU MOYEN D'UN AGENT DE NETTOYAGE DE GAZ
- (71) **GEMEENTE AMSTERDAM, GEMEENTELIJKE DIENST AFVALVERMERKING** [NL/NL]; Australiëhavenweg 21, NL-1045 BA Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE VRIES, Cornelis** [NL/NL]; Potvisstraat 39, NL-1035 HJ Amsterdam (NL).
- (74) **VAN BREDa, Jacques**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41311** (13) A1
- (21) PCT/CA98/00210
- (22) **17 Mar/mar 1998** (17.03.1998)
- (25) en (26) en
- (31) 2,200,101 (32) **17 Mar/mar 1997** (33) CA (17.03.1997)
- (31) 08/893,621 (32) **11 Jul/juil 1997** (33) US (11.07.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 53/70, 53/72**
- (54) ● PROCESS FOR THE REMOVAL OF CONTAMINANTS FROM A GAS, USING A GAS CLEANING AGENT
● PROCÉDE D'ENLEVEMENT DE CONTAMINANTS A PARTIR D'UN GAZ, AU MOYEN D'UN AGENT DE NETTOYAGE DE GAZ
- (71) **GEMEENTE AMSTERDAM, GEMEENTELIJKE DIENST AFVALVERMERKING** [NL/NL]; Australiëhavenweg 21, NL-1045 BA Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE VRIES, Cornelis** [NL/NL]; Potvisstraat 39, NL-1035 HJ Amsterdam (NL).
- (74) **VAN BREDa, Jacques**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41312** (13) A1
- (21) PCT/US98/03919
- (22) **27 Feb/fév 1998** (27.02.1998)
- (25) en (26) en
- (31) 08/818,392 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 61/24, 61/42, 67/00, 71/10, 71/38, C08J 5/22**
- (54) ● DIALYSIS MEMBRANES AND PROCESS FOR THEIR PRODUCTION
● MEMBRANE DE DIALYSE ET LEUR PROCÉDE DE PRODUCTION
- (71) **KOCH MEMBRANE SYSTEMS, INC.** [US/US]; 850 Main Street, Wilmington, MA 01887-3388 (US).
- (72) **PUGLIA, John, P.**; 64 Pierce, Townsend, MA 01469 (US). **BROCHU, Ronald, P.**; 215 Revere Beach Parkway, Chelsea, MA 02150 (US).
- (74) **FLINK, Frank, B.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41313** (13) A1
- (21) PCT/US98/04713
- (22) **11 Mar/mar 1998** (11.03.1998)
- (25) en (26) en
- (31) 08/815,017 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 69/00, 71/06, C08K 5/17, 5/17**
- (54) ● MEMBRANES COMPRISING AMINOACID SALTS IN POLYAMINE POLYMERS AND BLENDS
● MEMBRANES COMPRENANT DES SELS D'ACIDES AMINES DANS DES POLYMERES ET DES MELANGES DE POLYAMINE
- (71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
- (72) **HO, W., S., Winston**; 15 Nottingham Road, Annandale, NJ 08801 (US).
- (74) **HANTMAN, Ronald, D.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
- (11) **WO 98/41314** (13) A1
- (21) PCT/BE98/00034
- (22) **13 Mar/mar 1998** (13.03.1998)
- (25) en (26) en
- (31) 9705454.8 (32) **17 Mar/mar 1997** (33) GB (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01D 69/02, 69/10, 71/54, A61L 2/02, A61J 1/00**
- (54) ● CONTAINER
● CONTENANT
- (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) **SALVIATO, Jean-Yves** [BE/BE]; Rue Henri Loriaux 20, B-6210 Les Bons Villers (BE). **MARSHALL, Colin** [GB/GB]; "Sebastian" Plaskets Lane, Wigton, Cumbria CA7 9ES (GB). **NASH, Darren** [GB/GB]; 3 Trevor Road, Bridgwater, Somerset TA6 4PU (GB). **SEALBY, Lesley** [GB/GB]; 11 Gable Avenue, Cockermouth, Cumbria CA13 9BU (GB).
- (74) **DEBLED, Thierry**; Rue d'Anderlecht 33, B-1620 Drogenbos (BE).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41315** (13) A1
- (21) PCT/AU98/00167
- (22) **17 Mar/mar 1998** (17.03.1998)
- (25) en (26) en
- (31) PO 5660 (32) **17 Mar/mar 1997** (33) AU (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B01F 13/02, 3/04, 5/00, 5/04, 5/06, 5/08, 5/10, 15/02**
- (54) ● FLUID MIXER AND WATER OXYGENATOR INCORPORATING SAME
● MELANGEUR DE FLUIDES ET OXYGENATEUR D'EAU A MELANGEUR INTEGRE

(71) **NEWZONE NOMINEES PTY.LTD.** [AU/AU]; P.O. Box 62, Bayswater, W.A. 6933 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHILLIPS, Laurence, Colin** [AU/AU]; 7 Lewis Way, Merredin, W.A. 6415 (AU). **BROWNE, John, Phillip** [AU/AU]; 38A Hamilton Street, Bayswater, W.A. 6053 (AU).

(74) **HIND, Raymond, Stenton** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

(11) **WO 98/41316** (13) A1

(21) PCT/EP98/01581

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 97200807.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) EP

(34) NL et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01F 15/04, B05B 7/32, 12/14, 12/08**

(54) ● APPARATUS FOR APPLYING MULTI-COMPONENT COATING COMPOSITIONS
● APPAREIL POUR APPLIQUER DES COMPOSITIONS DE REVETEMENT A MULTIPLES COMPOSANTS

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE GRAAF, Daniel** [NL/NL]; Krekelmeeit 105, NL-1218 EG Hilversum (NL). **JANSEN, Johannes, Anthonius** [NL/NL]; Simon Vestdijklaan 6, NL-2343 KV Oegstgeest (NL). **LIGTVOET, Herman** [NL/NL]; Kanaalstraat 3, NL-2315 NN Leiden (NL). **JONKER, Josef, Pancratius, Maria** [NL/NL]; Albert Plesmanlaan 26, NL-2171 RE Sassenheim (NL).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41317** (13) A1

(21) PCT/GB98/00446

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) en (26) en

(31) 9705707.9 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 4/00, 14/00, C01D 1/04**

(54) ● INJECTION PORT ASSEMBLY
● ENSEMBLE ORIFICE D'INJECTION

(71) **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARQUHAR, John, Forbes** [GB/GB]; 34 Chedworth Drive, Witney, Oxfordshire OX8 5FS (GB).

(74) **MANSFIELD, Peter, Turquand**; AEA Technology plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

(81) AU GB JP KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41318** (13) A1

(21) PCT/FR98/00474

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) fr (26) fr

(31) 97/03206 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 8/02**

(54) ● CATALYTIC CONVERTER WITH PLATES
● REACTEUR CATALYTIQUE A PLAQUES

(71) **PACKINOX** [FR/FR]; Tour Framatome, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIROD, Christine** [FR/FR]; 5, allée des Tennis, F-78230 Le Pecq (FR). **SABIN, Dominique** [FR/FR]; 10, voie Grisée, F-78580 Herbeville (FR).

(74) **FORASASSI, Eric**; Framatome, Tour Framatome, F-92400 Courbevoie (FR).

(81) CA CN JP RU US.

Published / Publiée : (c)

(11) **WO 98/41319** (13) A2

(21) PCT/GB98/00775

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705282.3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 19/00**

(54) ● DEVICE FOR MAGNETIC FLUID TREATMENT
● DISPOSITIF PERMETTANT LE TRAITEMENT MAGNETIQUE DE FLUIDES

(71, 72) **MCFADZEAN, Richard, Aird** [GB/GB]; 6 Belgrave Terrace, Glasgow G12 8JD (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

(11) **WO 98/41320** (13) A1

(21) PCT/JP98/01003

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) ja (26) ja

(31) 9/60259 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(31) 9/126574 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/191214 (32) **16 Jul/juil 1997 (16.07.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 19/26**

(54) ● AUTOMATIC SYNTHESIS APPARATUS
● APPAREIL AUTOMATIQUE POUR SYNTHESSES

(71) **DAINIPPON SEIKI CO., LTD.** [JP/JP]; 8, Tanatsugu, Kohtari, Nagaokakyo-shi, Kyoto 617-0833 (JP). **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) **MIYOSHI, Hajime** [JP/JP]; Dainippon Seiki Co., Ltd., 8, Tanatsugu, Kohtari, Nagaokakyo-shi, Kyoto 617-0833 (JP). **MINO, Yutaka** [JP/JP]; Dainippon Seiki Co., Ltd., 8, Tanatsugu, Kohtari, Nagaokakyo-shi, Kyoto 617-0833 (JP). **NAKAMURA, Osamu** [JP/JP]; Dainippon Seiki Co., Ltd., 8, Tanatsugu, Kohrari, Nagaokakyo-shi, Kyoto 617-0833 (JP). **NISHIMURA, Shintaro** [JP/JP]; 4-3-34-517, Tsuruno, Settsu-shi, Osaka 566-0035 (JP). **TANAKA, Akito** [JP/JP]; 2-2-41-401, Maitani, Takarazuka-shi, Hyogo 665-0831 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Building, 3rd floor, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41321** (13) A1

(21) PCT/US98/05062

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/821,628 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 19/30, 19/32**

(54) ● TOWER PACKING SUPPORT PLATE
● PLAQUE DE SUPPORT POUR TOURS A EM-BALLER

(71) **NORTON CHEMICAL PROCESS PRODUCTS CORPORATION** [US/US]; 3855 Fishereek Road, Stow, OH 44224 (US).

(72) **DOLAN, Michael, J.**; 6729 Old Royalton Road, Brecksville, OH 44141 (US).

(74) **DAVIS, Anthony, G., M.** et al. / etc.; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (US).

(81) AU BR CA CN JP KR MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41322** (13) A1

(21) PCT/US98/04997

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,120 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01J 31/22, B05D 3/00, C08G 18/22, C09K 3/00**

- (54) ● NOVEL ZIRCONIUM URETHANE CATALYSTS
● NOUVEAUX CATALYSEURS D'URETHANE DE ZIRCONIUM

(71) **KING INDUSTRIES, INC.** [US/US]; Science Road, P.O. Box 588, Norwalk, CT 06852 (US).(72) **BLANK, Werner, J.**; 89 Spectacle, Wilton, CT 06897 (US). **HE, Zhiqiang, Alex**; 58 Silver Spring Road, Ridgefield, CT 06877 (US). **PICCI, Marie, E.**; 146 New Canaan Avenue, Norwalk, CT 06850 (US). **FLORIO, John, J.**; 27 Styles Lane, Norwalk, CT 06850 (US).(74) **LIN, Maria, C., H.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41323** (13) A1

(21) PCT/US98/04624

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 08/818,168 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01L 3/00**

- (54) ● IMPROVED THIN FILM SAMPLE SUPPORT
● PORTE-ECHANTILLON PERFECTIONNE A FILM MINCE

(71) **MOXTEK, INC.** [US/US]; 452 West 1260 North, Orem, UT 84057 (US).(72) **TURNER, D., Clark**; 1491 South 135 West, Orem, UT 84058 (US). **ROBBINS, Arthur, A.**; 758 South 590 East, Orem, UT 84097 (US). **WILSON, Alisa, A.**; 266 East 400 South, Orem, UT 84097 (US).(74) **NORTH, Vaughn, W.** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41324** (13) A1

(21) PCT/FR98/00534

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) fr (26) fr

(31) 97/03184 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B01L 3/02, F04B 7/00**

- (54) ● PUMP FOR INJECTING REAGENT INTO FLASKS AND INJECTING METHOD USING SAME
● POMPE D'INJECTION DE REACTIF DANS DES MATRAS ET PROCEDE D'INJECTION A L'AIDE D'UNE TELLE POMPE

(71) **SOCIETE PROLABO** [FR/FR]; 54, rue Roger Salengro, F-94120 Fontenay-sous-Bois (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **GILLARDIN, Jean-Claude** [FR/FR]; 280, route de Bourges, F-45500 Poilly-Lez-Gien (FR). **ZUKORSKI, Daniel** [FR/FR]; 19, route de Cernoy, F-45360 Saint-Firmin-Sur-Loire (FR).(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41325** (13) A1

(21) PCT/US98/05073

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/041,395 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B02C 19/12, C01G 17/00**

- (54) ● REDUCING OIL CARGO SLUDGE IN TANKERS
● REDUCTION DES BOUES D'HYDROCARBURES TRANSPORTEES DANS LES NAVIRES-PETROLIERS

(63) US 60/041,395 (CON)
18 Mar/mar 1997 (18.03.1997)(71, 72) **MIYASAKI, Mace, T.** [US/US]; 6203 Blackburn Lane, Baltimore, MD 21212 (US).(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41326** (13) A1

(21) PCT/US98/05315

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,816 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B02C 19/12**

- (54) ● WASTE EGG SHELL COMPONENTS RECOVERY
● RECUPERATION DE COMPOSANTES DE COQUILLES D'OEUF RESIDUELLES

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).(72) **MACNEIL, Joseph, H.**; 668 Berkshire Drive, State College, PA 16803 (US).(74) **MONAHAN, Thomas, J.**; The Pennsylvania State University, Intellectual Property Office, 113 Technology Center, University Park, PA 16802 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41327** (13) A1

(21) PCT/US98/05244

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,483 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B03B 7/00, B03D 1/02, B02C 23/10, 23/14**

- (54) ● PROGRESSIVE MINERAL REDUCTION WITH CLASSIFICATION, GRINDING AND AIR LIFT CONCENTRATION
● REDUCTION MINERALE PROGRESSIVE AVEC CLASSIFICATION, BROYAGE ET CONCENTRATION A AIR-LIFT

(71, 72) **McNEILL, Harry, L.** [US/US]; 2625 E. Southern Avenue, C231, Tempe, AZ 85282-7632 (US).(74) **SWARTZ, Douglas, W.** et al. / etc.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (US).

(81) AU CA GB MX; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41328** (13) A1

(21) PCT/EP98/00218

(22) **16 Jan/jan 1998 (16.01.1998)**

(25) de (26) de

(31) 197 10 529.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B03D 1/02, C22B 11/00**

- (54) ● METHOD FOR ENRICHING SILVER OR OTHER PRECIOUS METALS BY FLOTATION FROM A SUSPENSION, FOR EXAMPLE FROM ZINC-LEACHING RESIDUES
● PROCEDE D'ENRICHISSEMENT D'ARGENT OU AUTRES METAUX PRECIEUX PAR FLOTTATION A PARTIR D'UNE SUSPENSION, PAR EXEMPLE, A PARTIR DES RESIDUS DE LA LESSIVE DE ZINC

(71) **RUHR-ZINK GMBH** [DE/DE]; Wittener Strasse 1, D-45702 Datteln (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SMYKALLA, Günter** [DE/DE]; Hohes Ufer 17, D-45702 Haltern (DE). **MÜLLER, Friedrich-Wilhelm** [DE/DE]; Kantstrasse 9,

- D-45739 Oer-Erkenschwick (DE). **LANGHANS, Marco** [DE/DE]; Holtbredde 16, D-45711 Datteln (DE).
- (74) **LENZING, Andreas**; Münsterstrasse 248, D-40470 Düsseldorf (DE).
- (81) AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL JP KE KG KP KR KZ LC LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41329** (13) A1
(21) PCT/US97/21534
(22) **21 Nov/nov 1997 (21.11.1997)**
(25) en (26) en
(31) 08/819,583 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B04B 5/08, 5/12, 11/00**
(54) ● MASS-MASS CELL GAS CENTRIFUGE
● CENTRIFUGEUSE CELLULAIRE DE TYPE MASSE-MASSE POUR GAZ
(71) **FUGUE SYSTEMS, INC.** [US/US]; 4516 Hitching Post Lane, Plano, TX 750224 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BLOOM, Michael, R.** [US/US]; 1110 Clifford Drive, Kasota, MN 56050 (US).
(74) **MONTGOMERY, John, W.**; Gardere & Wynne, L.L.P., Suite 3000, 1601 Elm Street, Dallas, TX 75201-4761 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41330** (13) A1
(21) PCT/US98/05345
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/820,201 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B04B 7/00**
(54) ● MECHANISM FOR FIXING A BLOOD CENTRIFUGE BOWL TO A ROTATING SPINDLE
● MECANISME SERVANT A FIXER UN BOL DE CENTRIFUGATION DE SANG A UN AXE ROTATIF
(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).
(72) **WRIGHT, David, W.**; 5 Willowleaf, Littleton, CO 80127 (US). **PATTON, Mark, T.**; 2280 South Monaco Parkway #215, Denver, CO 80222 (US). **TRAVIS, Lee, W.**; 10225 E. Girard Avenue #H208, Denver, CO 80231 (US).
(74) **KINGHORN, Curtis, D.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS301, Minneapolis, MN 55432 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41331** (13) A1
(21) PCT/EP98/01474
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) de (26) de
(31) 197 10 807.5 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B05B 1/10, 17/00**
(54) ● DEVICE FOR GENERATING A WATER JET
● DISPOSITIF DE PRODUCTION D'UN JET D'EAU
(71) **OASE-PUMPEN WÜBKER SÖHNE GMBH & CO. MASCHINENFABRIK** [DE/DE]; Tecklenburger Strasse 161, D-48477 Hörstel (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HOFFMEIER, Dieter** [DE/DE]; Münsterstrasse 255, D-49479 Ibbenbüren (DE).
(74) **BUSSE, V.**; Postfach 12 26, D-49002 Osnabrück (DE) et al. / etc.
(81) AU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41332** (13) A1
(21) PCT/JP98/01097
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) ja (26) ja
(31) 9/62951 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B05B 7/14**
(54) ● SPRAYING APPARATUS FOR ARTIFICIAL HAIR AUGMENTING AGENT
● APPAREIL DE PULVERISATION POUR AGENT DE PRODUCTION DE CHEVEUX ARTIFICIELS
(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103-0025 (JP). **RHYTHM WATCH CO., LTD.** [JP/JP]; 2-1, Kinshii 1-chome, Sumida-ku, Tokyo 130-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **UKAJI, Kazuo** [JP/JP]; Kao Corporation, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-0044 (JP). **SHIBUYA, Mamoru** [JP/JP]; Rhythm Watch Co., Ltd., Showa factory, 496, Ooaza Oobusuma, Showa-machi, Kitakatsushika-gun, Saitama 344-0116 (JP).
(74) **HATORI, Osamu** et al. / etc.; Akasaka HKN Building, 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
(81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41333** (13) A1
(21) PCT/DE98/00370
(22) **11 Feb/fév 1998 (11.02.1998)**
(25) de (26) de
(31) 197 11 075.4 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B05B 11/00**
(54) ● WALL-MOUNTABLE PERFUME DISPENSER
● DISTRIBUTEUR DE PARFUM POUVANT ETRE MONTE SUR UN MUR
(71, 72) **BLEY, Thomas, S.** [DE/DE]; Panoramaweg 31, D-52385 Nideggen-Rath (DE).
(74) **BAUER, Wulf**; Bayenthalgürtel 15, D-50968 Köln (DE).
(81) AU BR CA JP MX NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41334** (13) A1
(21) PCT/EP98/01329
(22) **6 Mar/mar 1998 (06.03.1998)**
(25) de (26) de
(31) 197 10 878.4 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B05C 17/005, B65D 47/10**
(54) ● CARTRIDGE SYSTEM
● SYSTEME DE CARTOUCHE
(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEPSIUS, Tilwin** [DE/DE]; Bardelebensstrasse 8, D-40545 Düsseldorf (DE). **KLAUCK, Wolfgang** [DE/DE]; Neuer Weg 30, D-40670 Meerbusch (DE). **DUHM, Lydia** [DE/DE]; Haus-Endt-Strasse 78, D-40593 Düsseldorf (DE). **DZIALLAS, Michael** [DE/DE]; Zwengenberger Strasse 13 b, D-42781 Haan (DE).
(81) AU BR CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41335** (13) A1
(21) PCT/US98/04598
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) en (26) en
(31) 60/040,761 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B07B 1/20, 1/24, B01J 2/20, A01N 25/12**
(54) ● APPARATUS FOR BREAKING AND SEPARATING PARTICLES
● APPAREIL POUR FRAGMENTER ET SEPARER LES PARTICULES
(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) **GEIGLE, William**, [US/US]; 13 Hanover Drive, West Chester, PA 19382 (US). **GLEICH, Steven, Irwin** [US/US]; 714 Taunton Road, Wilmington, DE 19803 (US).
(74) **KING, Karen, K.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

Published / Publiée : (c)

(11) **WO 98/41336** (13) A1

(21) PCT/JP98/01034

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) ja (26) ja

(31) 9/62756 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B08B 3/10, H05B 6/10, F22B 1/28**

(54) ● CLEANING APPARATUS AND CLEANING METHOD
● APPAREIL ET PROCEDE DE NETTOYAGE

(71) **KABUSHIKI KAISHA SETA GIKEN** [JP/JP]; 19-21, Misawacho, Ibaraki-shi, Osaka 567-0862 (JP). **OMRON CORPORATION** [JP/JP]; 10, Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto-shi, Kyoto 616-8025 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAMURA, Yasuzo** [JP/JP]; Kabushiki Kaisha Seta Giken, 19-21, Misawacho, Ibaraki-shi, Osaka 567-0862 (JP). **UCHIHORI, Yoshitaka** [JP/JP]; Kabushiki Kaisha Seta Giken, 19-21, Misawacho, Ibaraki-shi, Osaka 567-0862 (JP).

(74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41337** (13) A1

(21) PCT/AU98/00148

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) PO 5682 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B08B 9/06, B67D 1/07**

(54) ● METHOD AND APPARATUS FOR CLEANING LIQUID PROCESS PIPES
● PROCEDE ET APPAREIL POUR NETTOYER DES CANALISATIONS DE DISTRIBUTION DE LIQUIDE

(71, 72) **BENTLEY, Matthew** [AU/AU]; 73 Attunga Road, Yowie Bay, NSW 2228 (AU).

(74) **COWLE, Anthony, John** et al. / etc.; Davies Collision Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).

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

Published / Publiée : (b)

(11) **WO 98/41338** (13) A1

(21) PCT/US98/05434

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/040,835 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 08/957,354 (32) **24 Oct/oct 1997 (24.10.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B21B 17/02, 17/10**

(54) ● TOOL FOR WORKING SHAPED, HOLLOW METAL TUBING TO ACHIEVE AN END REDUCTION

● OUTIL D'USINAGE DE TUBE METALLIQUE CREUX PROFILE POUR OBTENIR UNE REDUCTION D'EXTREMITE

(71, 72) **SODER, James, T.** [US/US]; 1994 Gallina Circle, Collierville, TN 38017 (US).

(74) **HUMBLE, Deborah, S.** et al. / etc.; Baker, Donelson, Bearman & Caldwell, 1800 Republic Centre, 633 Chestnut Street, Chattanooga, TN 37450-1800 (US).

(81) BR CA ES JP.

(11) **WO 98/41339** (13) A1

(21) PCT/EP98/01377

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 10 848.2 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B21K 1/12**

(54) ● METHOD FOR PRODUCING A BRAKE CAM SHAFT AND A BRAKE CAM SHAFT PRODUCED ACCORDING TO SAID METHOD

● PROCEDE DE PRODUCTION D'UN AXE DE CAME DE FREIN AINSI QU'AXE DE CAME DE FREIN PRODUIT SELON CE PROCEDE

(71) **BPW BERGISCHE ACHSEN KG** [DE/DE]; Ohlerhammer, D-51674 Wiehl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EBERT, Jörg** [DE/DE]; Holunderweg 58, D-50858 Köln (DE). **STEINER, Helmut** [DE/DE]; Freiherr-vom-Stein-Strasse 1, D-51674 Wiehl (DE).

(74) **STENGER, WATZKE & RING**; Kaiser-Friedrich-Ring 70, D-40547 Düsseldorf (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41340** (13) A1

(21) PCT/US98/05294

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/328,038 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22C 7/02, B22D 18/04, 19/00, 27/04, 29/00**

(54) ● MAKING HEAT-EXCHANGING CAST METAL FORMING TOOL

● PRODUCTION D'UN OUTIL DE FORMAGE A ECHANGE THERMIQUE POUR METAL COULE

(71) **METALLAMICS, INC.** [US/US]; Suite A, 13795 Seven Hills Road, Traverse City, MI 49686 (US).

(74) **SCHRAMM, William, J.**; Reising, Ethington, Learman & McCulloch, PLLC, P.O. Box 4390, Troy, MI 48099 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/41341** (13) A1

(21) PCT/DK98/00102

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 0303/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DK

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22C 9/08, B22D 27/13**

(54) ● METHOD, PRESSURE-SUPPLY MEMBER AND PRESSURE-SUPPLY SYSTEM FOR ACTIVE AFTER-FEEDING OF CASTINGS

● PROCEDE D'APPROVISIONNEMENT COMPLEMENTAIRE DE MOULAGES, ELEMENT D'ALIMENTATION SOUS PRESSION ET SYSTEME D'ALIMENTATION SOUS PRESSION AFFERENTS

(71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACOBSEN, Ole, Anders** [DK/DK]; Vesterprisvej 13, DK-3220 Tisvildeleje (DK). **IVERSEN, Peter, Møller** [DK/DK]; Tryggevej 135, DK-2700 Brønshøj (DK). **ANDERSEN, Uffe** [DK/DK]; Amtsvejen 82, Meløse, DK-3320 Skævinge (DK).

(74) **BUDDE, SCHOU & CO. A/S**; Vestergade 31, DK-1456 København K (DK).

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

(11) **WO 98/41342** (13) A1

(21) PCT/US98/05514

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/822,559 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22D 11/124**

(54) ● IMPROVED CONTINUOUS CASTING MOLD AND METHOD

● MOULE ET PROCEDE AMELIORES DE MOULAGE CONTINU

(71) **AG INDUSTRIES, INC.** [US/US]; Airport Office Park, Building One, 5th floor, 410 Rouser Road, Coraopolis, PA 15108 (US).

(72) **GROVE, John, A.**; Road #3, Box 211, Franklin, PA 16323 (US). **SEARS, James, B., Jr.**; 205 Lagrande Drive, Cranberry Twp., PA 16066 (US).

(74) **KNOBLE, John, L.**; Knoble & Yoshida LLC, Eight Penn Center, Suite 1350, 1628 John F. Kennedy Boulevard, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(11) **WO 98/41343** (13) A1

(21) PCT/UA98/00003

(22) **19 Jan/jan 1998 (19.01.1998)**

(25) ru (26) ru

(31) 97031185 (32) **18 Mar/mar 1997 (18.03.1997)** (33) UA

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22D 19/08 // B23P 6/02**

(54) ● ELECTROSLAG FACING PROCESS

● PROCÉDE DE REVÊTEMENT SOUS LAITIÈRE

(71) **ZAKRYTVO AKTSIONERNOE OBSHCHESTVO "ELMET-ROL-GRUPPA MEDOVARA"** [UA/UA]; ul. Bozhenko, 11, Kiev, 252650 (UA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEDOVAR, Boris I.** [UA/UA]; ul. A.Barbujasa, 22/26-109, Kiev, 252005 (UA).

(74) **GORSKAYA, Irina A.**; ul. Nikolsko-Botnicheskaya, 27/29-48, Kiev, 252032 (UA).

(81) AT AU BR CA CN DE ES FI GB JP KR MX NO NZ RU SE US; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41344** (13) A1

(21) PCT/IB98/00387

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) fr (26) fr

(31) 97/03137 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22D 41/24**

(54) ● DEVICE FOR PLUGGING AND CONTROLLING CONTINUOUS HOT CASTING, WITH IMPROVED NOZZLE EXCHANGER

● DISPOSITIF OBTURATEUR-RÉGULATEUR DE COULEE CONTINUE A CHAUD, AVEC ECHANGEUR DE BUSETTE PERFECTIONNEE

(71) **INTERNATIONAL INDUSTRIAL ENGINEERING** [BE/BE]; 100, chaussée de Nivelles, B-1420 Braine-L'Alleud (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLURA, Mariano** [IT/BE]; 63, rue Harmegnies, B-7110 Strey Bracquegnies (BE).

(74) **PLAÇAIS, Jean-Yves**; Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).

(81) AU BR CA CN CZ JP KR MX PL RU SI SK TR UA US; EP (AT BE DE ES FI FR GB IT LU NL SE).

(11) **WO 98/41345** (13) A1

(21) PCT/US98/04780

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/821,158 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22D 41/54**

(54) ● EROSION AND ABRASION RESISTANT REFRACTORY COMPOSITION AND ARTICLE MADE THEREFROM

● COMPOSITION REFRACTAIRE RESISTANT A L'EROSION ET A L'ABRASION ET ARTICLE CONSTITUE DE CELLE-CI

(71) **VESUVIUS CRUCIBLE COMPANY** [US/US]; Suite 11, 2500 West Fourth Street, P.O. Box 25330, Wilmington, DE 19899 (US).

(72) **BROOK, Roger, W.**; Lochgoilhead, Argyll PA24 8AH (GB). **ROBINSON, Quention, K.**; 1 Rosmont Avenue, Pittsburgh, PA 15228 (US).

(74) **BALDAUF, Kent, E.** et al. / etc.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ CF KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41346** (13) A1

(21) PCT/IL98/00121

(22) **15 Mar/mar 1998 (15.03.1998)**

(25) en (26) en

(31) 60/041,259 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22F 1/00**

(54) ● POWDER MIXTURE FOR THERMAL DIFFUSION COATING

● MELANGE PULVERULENT POUR REVÊTEMENT APPLIQUE PAR THERMODIFFUSION

(71) **LEVINSKI, Leonid** [BE/BE]; Avenue Parmentier 150, B-1150 Bruxelles (BE). **SAMOILOV, Victor** [RU/RU]; Vernadsky prospect, 9-373, Moscow, 117311 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHTIKAN, Isaak** [IL/IL]; Bilu Street 6, 49462 Petach Tikva (IL). **SHEINKMAN, Avraham** [IL/IL]; Derech Efron 5/4, 11476 Ariel (IL).

(74) **AGRANOV, David**; Moriah Avenue 105, 34616 Haifa (IL).

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

Published / Publiée : (c)

(11) **WO 98/41347** (13) A1

(21) PCT/JP98/01147

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/66767 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B22F 1/02, C22C 33/02**

(54) ● IRON BASE POWDER MIXTURE FOR POWDER METALLURGY EXCELLENT IN FLUIDITY AND MOLDABILITY, METHOD OF PRODUCTION THEREOF, AND METHOD OF PRODUCTION OF MOLDED ARTICLE BY USING THE IRON BASE POWDER MIXTURE

● MELANGE PULVERISE A BASE DE FER DESTINE A LA METALLURGIE DES POUDRES, DOTE D'EXCELLENTE CARACTERISTIQUES DE FLUIDITE ET D'APTITUDE AU MOULAGE, PROCÉDE DE PRODUCTION CORRESPONDANT ET PROCÉDE DE PRODUCTION D'ARTICLE MOULE UTILISANT LEDIT MELANGE PULVERISE A BASE DE FER

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachi-dori 1-chome, Chuo-ku, Kobe-shi, Hyogo-ken 651-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OZAKI, Yukiko** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-ken 260-0835 (JP). **UENOSONO, Satoshi** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-ken 260-0835 (JP). **OGURA, Kuniaki** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-ken 260-0835 (JP).

(74) **KOSUGI, Yoshio** et al. / etc.; Pelican Building, 4th floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41348** (13) A1

(21) PCT/FR98/00547

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) fr (26) fr

(31) 97/03513 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23B 5/18**

(54) ● METHOD FOR MACHINING A CRANK-SHAFT

● PROCÉDE D'USINAGE D'UN VILEBREQUIN

(71) **RENAULT AUTOMATION** [FR/FR]; 34, quai du Point du Jour, F-92109 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASSIE, Jean-Paul** [FR/FR]; 39, rue Bernard Jouan de Kerveno, F-81100 Castres (FR).

(74) **FERNANDEZ, Francis**; Renault, Service 0267 – TPZ – 0J2 – 1 10, 860, quai de Stalingrad, F-92109 Boulogne Billancourt (FR).

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

Published / Publiée : (c)

(11) **WO 98/41349** (13) A1

(21) PCT/DE98/00164

(22) **20 Jan/jan 1998 (20.01.1998)**

(25) de (26) de

(31) 197 11 317.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23B 41/02**

(54) ● MACHINE TOOL
● MACHINE-OUTIL

(71) **EX-CELL-O GMBH** [DE/DE]; Salacher Strasse 93, D-73054 Eisligen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAUB, Hans** [DE/DE]; Nuberstrasse 31, D-73337 Bad Überkingen (DE). **HENZLER, Peter** [DE/DE]; Rehsteige 5, D-73035 Göppingen (DE). **BARTHOLD, Heinz** [DE/DE]; Ziegelstrasse 64, D-73084 Salach (DE).

(74) **KUHNNEN, WACKER & PARTNER**; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41350** (13) A1

(21) PCT/DE98/00801

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 317.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(31) PCT/DE98/00164 (32) **20 Jan/jan 1998 (20.01.1998)** (33) WO

(34) DE et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23B 41/02**

(54) ● MACHINE TOOL
● MACHINE-OUTIL

(71) **EX-CELL-O GMBH** [DE/DE]; Salacher Strasse 93, D-73054 Eisligen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAUB, Hans** [DE/DE]; Nuberstrasse 31, D-73337 Bad Überkingen (DE). **HENZLER, Peter** [DE/DE]; Rehsteige 5, D-73035 Göppingen (DE). **BARTHOLD, Heinz** [DE/DE]; Ziegelstrasse 64, D-73084 Salach (DE).

(74) **HÜBNER, H., E.**; Kuhner, Wacker & Partner, Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41351** (13) A2

(21) PCT/US98/00001

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) ru (26) ru

(31) 1NDR 9700228.1 (32) **20 Mar/mar 1997 (20.03.1997)** (33) UZ

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K**

(54) ● WELDING FLUX
● FLUX A SOUDER

(71, 72) **SAIDOV, Rustam Mannapovich** [UZ/UZ]; ul. S. Mirzaev, 3, Tashkent, 700132 (UZ).

(81) AT AU CA CH CN CZ DE DK ES FI GB IL JP KP KR NO PT RU SD SE SG TR UA US UZ; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41352** (13) A1

(21) PCT/EP98/01437

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) de (26) de

(31) 297 04 629.2 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K 1/015**

(54) ● METHOD AND DEVICE FOR HEAT-TREATING WORKPIECES WITH HOT STEAM
● PROCEDE ET DISPOSITIF POUR LE TRAITEMENT THERMIQUE DE PIECES PAR LA VAPEUR SURCHAUFFEE

(71) **ASSCON SYSTEMTECHNIK ELEKTRONIK GMBH** [DE/DE]; Messerschmittring 44, D-86343 Königsbrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZABEL, Claus** [DE/DE]; Spielfeldstrasse 10, D-86179 Augsburg (DE).

(74) **ERNICKE, Hans-Dieter** et al. / etc.; Schwibbogenplatz 2b, D-86153 Augsburg (DE).

(81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41353** (13) A1

(21) PCT/US97/04476

(22) **20 Mar/mar 1997 (20.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K 9/167**

(54) ● WELDING APPARATUS AND METHOD
● DISPOSITIF ET PROCEDE DE SOUDAGE

(71, 72) **GUERRINA, Michael** [US/US]; 7506 Latta Drive, Austin, TX 78749 (US).

(74) **SMIT, Steven, D.**; Suite 2300, 515 Congress Avenue, Austin, TX 78701 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41354** (13) A1

(21) PCT/JP97/00841

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K 20/00, 20/10, H01L 21/52, 21/58, 21/60, 23/50**

(54) ● METHOD OF SOLID-PHASE WELDING MEMBERS
● PROCEDE DE SOUDAGE D'ELEMENTS EN PHASE SOLIDE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATOU, Mitsuo** [JP/JP]; 989, Shirawacho, Hitachiohta-shi, Ibaraki 311-03 (JP). **SAWAHATA, Mamoru** [JP/JP]; 12-20, Ohkubocho 2-chome, Hitachi-shi, Ibaraki 316 (JP). **KAJIWARA, Ryoichi** [JP/JP]; 35-20-305, Kujicho 2-chome, Hitachi-shi, Ibaraki 319-12 (JP). **ONUKI, Jin** [JP/JP]; 6-1, Kujicho 1-chome, Hitachi-shi, Ibaraki 319-12 (JP). **YAMADA, Kazuji** [JP/JP]; 8-32, Moriyamacho 3-chome, Hitachi-shi, Ibaraki 316 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41355** (13) A1

(21) PCT/AT98/00058

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) de (26) de

(31) A 448/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K 26/06, A61C 1/00**

(54) ● DEVICE FOR APPLYING LASER BEAMS
● DISPOSITIF POUR L'APPLICATION DE RAYONS LASER

(71) **LMS LASER MEDICAL SYSTEMS ERZEUGUNG UND VERTRIEB MEDIZINISCH TECHNISCHER GERÄTE GESELLSCHAFT MBH** [AT/AT]; Gewerbestrasse 1-3, A-7000 Eisenstadt (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VON DER HEIDE, Hans-Joachim** [DE/DE]; Kaempsweg 3, D-22301 Hamburg (DE). **SCHWEIGHART, Marko** [AT/AT]; Weinberggasse 4, A-7051 Großhöflein (AT).

(74) **KLEIN, Adam** et al. / etc.; Fasangasse 49, A-1030 Wien (AT).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41356** (13) A1

(21) PCT/EP98/00436

(22) **27 Jan/jan 1998 (27.01.1998)**

(25) de (26) de

(31) 197 11 232.3 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23K 26/08, C21D 1/00, F02F 1/00**

(54) ● METHOD AND DEVICE FOR TREATING THE SURFACES OF COMPONENT BORES

● PROCEDE ET DISPOSITIF DESTINE A TRAITER LES SURFACES D'ORIFICES PRATIQUES DANS DES ELEMENTS

(71) **AEG ELOTHERM GMBH** [DE/DE]; Hammesberger Strasse 31, D-42855 Remscheid (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STENGEL, Edgar** [DE/DE]; Erdelenstrasse 35, D-42855 Remscheid (DE).

(74) **COHAUSZ & FLORACK**; Postfach 33 02 29, D-40435 Düsseldorf (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41357** (13) A1

(21) PCT/JP98/01074

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/82194 (32) **15 Mar/mar 1997 (15.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23Q 15/00, G05B 19/4093**

(54) ● MACHINING PROCESSOR

● PROCESSEUR D'USINAGE

(71) **MAKINO MILLING MACHINE CO., LTD.** [JP/JP]; 3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-0031 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIDA, Jun** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **KAWANA, Akira** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **INOUE, Shinichi** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **HISAKI, Tatsuya** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CA IL JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41358** (13) A1

(21) PCT/JP98/01009

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) ja (26) ja

(31) 9/79214 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B23Q 15/013, B23B 5/24, 5/26, G05B 19/404**

(54) ● DEVICE FOR CYCLE-MACHINING FREE-FORM MEMBER

● APPAREIL D'USINAGE CYCLIQUE D'ELEMENTS DE FORME LIBRE

(71) **KOMATSU MACHINE TOOL CORPORATION** [JP/JP]; 23, Tsu, Futsumachi, Komatsu-shi, Ishikawa 923-0302 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHOJI, Masahiro** [JP/JP]; Komatsu Machine Tool Corporation Awazu Plant, 23, Tsu, Futsumachi, Komatsu-shi, Ishikawa 923-0302 (JP).

(74) **MATSUZAWA, Osamu**; Kohara Building, 11-10, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) US; EP (DE IT).

(11) **WO 98/41359** (13) A1

(21) PCT/US98/03715

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) en (26) en

(31) 08/818,266 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B24B 13/005**

(54) ● THERMOPLASTIC LENS BLOCKING MATERIAL

● MATERIAU DE BLOCAGE DE LENTILLES THERMOPLASTIQUES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **WELDON, James, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **GOVEK, Michael**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SEDLOCK, Carole**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KO, John, H.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **UBEL, F., Andrew** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41360** (13) A1

(21) PCT/US98/05808

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/039,628 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B24B 39/04, B60B 3/06**

(54) ● BURNISHED VEHICLE WHEEL

● ROUE DE VEHICULE POLIE

(71) **HAYES WHEELS INTERNATIONAL, INC.** [US/US]; 38481 Huron River Drive, Romulus, MI 48174 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUMGARTEN, John, M.** [US/US]; 22780 Deerfield Road, Novi, MI 48375 (US).

(74) **MOLNAR, John, B.**; MacMillan, Sobanski & Todd, 4th floor, One Maritime Plaza, 720 Water Street, Toledo, OH 43604 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41361** (13) A1

(21) PCT/SE98/00476

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) sv (26) en

(31) 9700997-1 (32) **19 Mar/mar 1997 (19.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B24D 3/10**

(54) ● SEGMENT BODY FOR CUTTING AND METHOD FOR PRODUCING SUCH A SEGMENT BODY

● CORPS DE COUPE CONSTITUE DE SEGMENTS

(71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; Luxbacken 1, S-105 45 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Ingemar** [SE/SE]; Solhällsvägen 38, S-561 38 Huskvarna (SE). **SVENSSON, Peter** [SE/SE]; Björnebergsvägen 11, S-553 12 Jönköping (SE). **EKBLAD, Stefan** [SE/SE]; Erik Dahlbergsgatan 11 a, S-553 17 Jönköping (SE).

(74) **ERIKSSON, Kjell**; Norrtälje Patentbyrå AB, P.O. Box 38, S-761 21 Norrtälje (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41362** (13) A1

(21) PCT/GB98/00752

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9705369.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **B25B 13/06**
- (54) ● SOCKET SPANNER ASSEMBLY
● ENSEMBLE CLE A DOUILLE
- (71, 72) **MAITLAND-APPS, Christopher, George** [GB/GB]; 40 Leslie Park, Burnham on Crouch, Essex CM0 8SZ (GB).
- (74) **HITCHCOCK, Esmond, Antony**; Lloyd Wise, Tregear & Co., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41363** (13) A1
- (21) PCT/US97/17688
- (22) **30 Sep/sep 1997 (30.09.1997)**
- (25) en (26) en
- (31) 9/083350 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B25B 25/00, B25C 1/00, 5/11, B23P 19/02**
- (54) ● ATTACHER OF LOOP PIN FOR HOOKING TAG
● PISTOLET DE FIXATION D'EPINGLES FERMEES PERMETTANT D'ATTACHER UNE ETIQUETTE
- (71) **J.E. KABUSHIKI KAISHA** [JP/JP]; 2-1, Kandatsukasacho, Chiyoda-ku, Tokyo (JP). **HOLTZ, Leonard** [US/US]; 169 East 69th Street, New York, NY 10017 (US).
- (72) **FUKAMI, Syouchi**; 2-3-8-825, Minamisuna, Koto-ku, Tokyo (JP). **HIRAI, Tomoyuki**; 1701-140, Ochicho, Midori-ku, Chibasi (JP).
- (74) **MICHAL, Robert, P.**; Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue, New York, NY 10017-2023 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41364** (13) A1
- (21) PCT/US98/03308
- (22) **18 Feb/fév 1998 (18.02.1998)**
- (25) en (26) en
- (31) 08/821,765 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B25B 27/00**
- (54) ● INSERTION TOOL
● OUTIL DE MISE EN PLACE
- (71) **AEROQUIP CORPORATION** [US/US]; 3000 Strayer Road, Maumee, OH 43537 (US).
- (72) **CASTLEMAN, Dennis, J.**; 7930 State Line Road, Monroeville, IN 46773 (US).
- (74) **PORCELLO, James, F., Jr.** et al. / etc.; Emch, Schaffer, Schaub & Porcello Co., P.O. Box 916, Toledo, OH 43697-0916 (US).
- (81) MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41365** (13) A1
- (21) PCT/GB98/00794
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) en (26) en
- (31) 97/2280 (32) **17 Mar/mar 1997 (17.03.1997)** (33) ZA
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B25D 17/28**
- (54) ● PENDENT ROCK BREAKER
● CASSE-PIERRES SUSPENDU
- (71) **HEARN MANUFACTURING CC** [ZA/ZA]; 61 Fleming Road, Meadowdale, Isando, 1600 Gauteng (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **BLEWETT, Piers, Anthony** [GB/ZA]; 26 Tulbach Crescent, Lonehill, 2062 Gauteng (ZA).
(only for / seulement pour IS)
- (72, 75) **BLACKMORE, Peter, Conrad** [ZA/ZA]; 5 Villa Elite, Panorama Road, Edleen, 1619 Kempton Park, Gauteng (ZA).
- (74) **ABLEWHITE, Alan, James**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41366** (13) A1
- (21) PCT/JP98/00898
- (22) **4 Mar/mar 1998 (04.03.1998)**
- (25) ja (26) ja
- (31) 9/64405 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B25J 9/06**
- (54) ● CONVEYOR ROBOT
● ROBOT TRANSPORTEUR
- (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASADA, Hisashi** [JP/JP]; Technical Institute of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP).
- (74) **HAMAMOTO, Tadashi**; Bansui Building, 5-16, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41367** (13) A1
- (21) PCT/JP98/01079
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) ja (26) ja
- (31) 9/82134 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B25J 19/00**
- (54) ● LEAD WIRE BEARING STRUCTURE FOR ROTARY JOINT OF INDUSTRIAL ROBOT
● STRUCTURE DE PALIER A FILS DE PLOMB POUR JOINT ROTATIF DE ROBOT INDUSTRIEL
- (71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAHISA, Manabu** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). **OGAWA, Masahiro** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).
- (81) AU CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41368** (13) A2
- (21) PCT/NL98/00136
- (22) **6 Mar/mar 1998 (06.03.1998)**
- (25) nl (26) en
- (31) 1005537 (32) **14 Mar/mar 1997 (14.03.1997)** (33) NL
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **B26D 1/10, 1/11, 7/08, 7/26, B23D 35/00, B26D 1/553**
- (54) ● DEVICE FOR SLICING LOAVES AND OTHER BAKERY PRODUCTS
● DISPOSITIF POUR TRANCHER DES PAINS ET AUTRES PRODUITS DE BOULANGERIE
- (71) **ROMPA PATENT BEHEER B.V.** [NL/NL]; Erik Pinksterblomstraat 26, NL-4906 ET Oosterhout (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROMPA, Jozef, Johannes, Theresia** [NL/NL]; Erik Pinksterblomstraat 26, NL-4906 ET Oosterhout (NL).
- (74) **BROOKHUIS, H., J., A.**; Van Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41369** (13) A1
- (21) PCT/DE98/00853
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) de (26) de

(31) 297 05 755.3 (32) **18 Mar/mar 1997** (33) DE
(18.03.1997)

(31) 297 08 539.5 (32) **2 May/mai 1997** (33) DE
(02.05.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B27B 5/34, 5/32**

(54) ● DEVICE FOR CUTTING ANY WIDTH OF WOOD OR OTHER MATERIALS

● DISPOSITIF DE COUPE EN LARGEUR DESTINE AU BOIS ET AUTRES MATERIAUX

(71) **INTERHOLZ TECHNIK GMBH** [DE/DE]; Weisserlenstrasse 11, D-79108 Freiberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLUM, Sven** [DE/DE]; Schönbergstrasse 12, D-79291 Merdingen (DE). **HERBERT, Peter** [DE/DE]; Ignatz-Bruder-Strasse 3-74, D-79813 Waldkirch (DE).

(74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41370** (13) A1

(21) PCT/SE98/00497

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) sv (26) en

(31) 9701015-1 (32) **19 Mar/mar 1997** (33) SE
(19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B27M 3/00, B27B 1/00**

(54) ● A METHOD TO PRODUCE ELONGATED OBJECTS OF WOOD

● PROCEDE POUR FABRIQUER DES OBJETS ALLONGES EN BOIS

(71) **ÅB ÄLVSBYHUS** [SE/SE]; S-942 81 Älvsbyn (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÖHLUND, Ulf** [SE/SE]; Ställverksvägen 8, S-942 36 Älvsbyn (SE).

(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S-104 35 Stockholm (SE).

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

(11) **WO 98/41371** (13) A1

(21) PCT/US98/04788

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/818,764 (32) **14 Mar/mar 1997** (33) US
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B27M 3/08, 3/00**

(54) ● METHOD FOR MAKING COMPOSITE PANELS AND ENGINEERED MOULDINGS

● PROCEDE DE PRODUCTION DE PANNEAUX COMPOSITES ET DE MOULURES FAÇONNEES

(71, 72) **SEIDNER, Marc, A.** [US/US]; 234 Conway Avenue, Los Angeles, CA 90024 (US).

(74) **SCHROEDER, Robert, A.** et al. / etc.; Pretty, Schroeder & Poplawski, 19th floor, 444 South Flower Street, Los Angeles, CA 90071-2921 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41372** (13) A1

(21) PCT/DK98/00090

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 0302/97 (32) **18 Mar/mar 1997** (33) DK
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B27N 3/18**

(54) ● A METHOD OF MANUFACTURING CHIPBOARDS, FIBRE BOARDS AND THE LIKE BOARDS

● PROCEDE DE FABRICATION DE PANNEAUX DE PARTICULES, DE PANNEAUX DE FIBRES ET DE PLANCHES ANALOGUES

(71) **WESSER & DUEHOLM** [DK/DK]; Dronningens Tværgade 6, DK-1302 Copenhagen K (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUEHOLM, Sten** [DK/DK]; Dronningens Tværgade 6, DK-1302 Copenhagen K (DK).

(74) **CHAS.HUDE A/S**; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41373** (13) A1

(21) PCT/EP98/01317

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 11 388.5 (32) **19 Mar/mar 1997** (33) DE
(19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B28B 7/38**

(54) ● DEVICE FOR APPLYING A PARTING AGENT TO FORMWORK UNITS

● DISPOSITIF D'APPLICATION D'UN AGENT DE SEPARATION SUR DES PIECES DE COFFRAGE

(71) **DAHMIT BETONWERKE GMBH & CO. KG** [DE/DE]; Neusser Strasse 11, D-80807 München (DE).

(72) **SCHMID, Andreas**; Winterhofen 31, D-92334 Berching (DE).

(74) **LICHTI, Heiner** et al. / etc.; Postfach 41 07 60, D-76207 Karlsruhe (DE).

(81) CZ PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41374** (13) A1

(21) PCT/JP97/00915

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29B 17/00, B09B 5/00**

(54) ● DISPOSAL SYSTEM FOR PLASTIC

● SYSTEME DE MISE AU REBUT DE PLASTIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAKANE, Nobuaki** [JP/JP]; 3-15-29, Inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **HAYASHI, Masakatsu** [JP/JP]; 1-129, Taguchobangai, Ushiku-shi, Ibaraki 312 (JP). **TAKAMURA, Yoshiyuki** [JP/JP]; 13-5, Kouchi, Kudamatsu-shi, Yamaguchi 744 (JP). **HASEGAWA, Tsutomu** [JP/JP]; 2-29-30-202, Touhoku, Niiza-shi, Saitama 352 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41375** (13) A1

(21) PCT/US98/05402

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,056 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(31) 08/957,542 (32) **24 Oct/oct 1997** (33) US
(24.10.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29B 17/00, C08J 11/06 // C08G 63/88, C08L 67:02**

(54) ● PROCESS FOR CONTINUOUSLY PRODUCING POLYESTER ARTICLES WITH SCRAP RECYCLE IN A CONTINUOUS MELT-TO-PREFORM PROCESS

● PROCEDE SERVANT A LA PRODUCTION EN CONTINU D'ARTICLES EN POLYESTER, AVEC RECYCLAGE DE DECHETS DANS UN PROCEDE DE FUSION POUR PREFORMAGE EN CONTINU

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **TREECE, Lanney, Calvin**; 112 Partridge Place, Kingsport, TN 37663 (US). **OLSEN, Eric, Gray**; P.O. Box 3701, Kingsport, TN 37664 (US). **SHELBY, Marcus, David**; 299 Pactolus Road, Kingsport, TN 37663 (US). **CARROLL, Max, Lamar, Jr.**; 1025 Sussex Drive, Kingsport, TN 37660 (US). **EKART, Michael, Paul**; 240 Grandview Court, Kingsport, TN 37664 (US).

(74) **HARDING, Karen, A.**; P.O. Box 511, Kingsport, TN 37662-5075 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41376** (13) A1

(21) PCT/CH98/00105

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 627/97 (32) **17 Mar/mar 1997 (33) CH (17.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 35/08, 44/34 // B29K 105:04**

(54) ● METHOD AND DEVICE FOR GELIFICATION AND/OR FOAMING ONE OR TWO-SIDED COATED STRIPS OF MATERIAL
● PROCEDE ET DISPOSITIF DE GELIFICATION ET/OU MOUSSAGE DE BANDES DE MATERIAU RECOUVERTES SUR UNE OU SUR DEUX FACES

(71) **SOLIPAT AG** [CH/CH]; Chamerstrasse 79, CH-6300 Zug (CH). **FRIEDOLA GEBR. HOLZAPFEL GMBH & CO. KG**. [DE/DE]; Topfmühle 1, D-37276 Meinhard-Frieda (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAHM, Christian** [CH/CH]; Himmelmich 32, CH-9552 Bronschhofen (CH). **STOCKHEIM, Uwe** [DE/DE]; Hintergasse 47, D-37281 Wanfried-Heldra (DE).

(74) **HEPP, Dieter** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

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

(11) **WO 98/41377** (13) A1

(21) PCT/US98/05461

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,113 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 41/06**

(54) ● CONTINUOUS MOLD TEMPERATURE MONITORING SYSTEM AND METHOD FOR ROTATIONAL MOLD

● SYSTEME DE SURVEILLANCE CONTINUE DE TEMPERATURE DE MOULES ET PROCEDE DE MOULAGE PAR ROTATION

(71) **TOTER INCORPORATED** [US/US]; P.O. Box 5338, 841 Meacham Road, Statesville, NC 28677-2983 (US).

(72) **LAMBERT, Jerry, E.**; 3215 Meadow Rue Drive, Statesville, NC 28677 (US). **TRENT, Smith, E., III**; 802 Kentwood Drive, Statesville, NC 28677 (US). **BALLOU, Chris, E.**; 264 Wilderness Lane, Stony Point, NC 28678 (US).

(74) **ZIEMS, Robert, F.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

(11) **WO 98/41378** (13) A1

(21) PCT/US98/04285

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 60/044,454 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 45/23**

(54) ● PROCESS AND APPARATUS FOR FORMING PLASTIC ARTICLES
● PROCEDE ET APPAREIL POUR FORMER DES ARTICLES EN PLASTIQUE

(71) **HUSKY INJECTION MOLDING SYSTEMS, INC.** [US/US]; 279 Walden Avenue, Buffalo, NY 14225 (US).

(72) **LAUSENHAMMER, Manfred**; Am Herrenberg 15, D-54329 Konz (DE). **MAI, Arnold**; Hauptstrasse 21, D-54666 Irrel (DE).

(74) **KELMACHER, Barry, L.**; Bachman & LaPointe, P.C., Suite 1201., 90 Chapel Street., New Haven, CT 06510-2802 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41379** (13) A1

(21) PCT/JP97/00874

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 45/56, 45/26, 45/73, 45/78, B29D 11/00 // B29L 11:00**

(54) ● METHOD OF INJECTION MOLDING PLASTIC LENS
● PROCEDE DE MOULAGE PAR INJECTION DE LENTILLES PLASTIQUES

(71) **HOYA CORPORATION** [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAITO, Kiyohiro** [JP/JP]; Hoya Corporation, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161 (JP). **ASAMI, Hiroshi** [JP/JP]; Hoya Corporation, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161 (JP).

(74) **KINOSHITA, Jitsuzo** et al. / etc.; 3rd floor, Ogikubo TM Building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41380** (13) A1

(21) PCT/US98/04782

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/818,404 (32) **15 Mar/mar 1997 (33) US (15.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 45/66**

(54) ● PLATEN HAVING INTERNAL SPRING-LIKE CHARACTERISTICS FOR PREVENTING DEFORMATION OF MOLD MOUNTING FACE DURING CLAMPING OPERATIONS

● PLATEAU A CARACTERISTIQUES INTERNES DE RESSORT DESTINE A EMPECHER LA DEFORMATION DE LA FACE DE MOULAGE SUR MOULE PENDANT LES OPERATIONS DE SERRAGE

(71) **HPM STADCO, INC.** [US/US]; 1931 North Broadway, Los Angeles, CA 90031 (US).

(72) **NAZARIAN, Izak, Parviz**; 1081 Laurel Way, Beverly Hills, CA 90210 (US). **CAFFREY, John, P.**; 5474 Beryhill Drive, Yorba Linda, CA 92886 (US).

(74) **KAGAN, David, B.** et al. / etc.; Faegre & Benson LLP, 2200 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-3901 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41381** (13) A1

(21) PCT/US98/05403

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,056 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(31) 08/957,576 (32) **24 Oct/oct 1997 (33) US (24.10.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 47/50**

(54) ● APPARATUS AND METHOD FOR MOLDING OF POLYESTER ARTICLES DIRECTLY FROM A MELT

● APPAREIL ET PROCEDE DE MOULAGE D'ARTICLES EN POLYESTER DIRECTEMENT A PARTIR D'UNE MATIERE FONDUE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **TREECE, Lanney, Calvin**; 112 Partridge Place, Kingsport, TN 37663 (US). **OLSEN, Eric, Gray**; P.O. Box 3701, Kingsport, TN 37664 (US). **SHELBY, Marcus, David**; 299 Pactolus Road, Kingsport, TN 37663 (US). **CARROLL, Max, Lamar, Jr.**; 1025 Sussex Drive, Kingsport, TN 37660 (US). **EKART, Michael, Paul**; 240 Grandview Court, Kingsport, TN 37664 (US).

(74) **HARDING, Karen, A.**; P.O.Box 511, Kingsport, TN 37662-5075 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41382** (13) A1

(21) PCT/EP98/00994

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) de (26) de

(31) 197 10 600.5 (32) **14 Mar/mar 1997 (33) DE (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 57/10, 65/18, G08B 13/24, B29C 63/18**

(54) ● METHOD AND DEVICE FOR PRODUCING A SECURITY ELEMENT AND A CORRESPONDING SECURITY ELEMENT

● PROCEDE ET DISPOSITIF DE FABRICATION D'UN ELEMENT DE PROTECTION ET ELEMENT DE PROTECTION CORRESPONDANT

(71) **METO INTERNATIONAL GMBH** [DE/DE]; Ersheimer Strasse 69, D-69434 Hirschhorn (DE); (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUSCHEK, Detlef** [DE/DE]; Grünesgasse 5, D-64759 Sensbachtal (DE). **KLASSEN, Gordon** [US/US]; 2541 E. Markwood Street, Duarte, CA 91010 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41383** (13) A1

(21) PCT/JP98/01117

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/62997 (32) **17 Mar/mar 1997 (33) JP (17.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 65/02, 65/78, 53/36, 51/12**

(54) ● METHOD OF BONDING AND MOLDING MODIFIED POLYTETRAFLUOROETHYLENE MOLDINGS

● PROCEDE DE LIAISON ET DE MOULAGE D'ARTICLES MOULES EN POLYTETRAFLUOROETHYLENE MODIFIE

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0015 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIRASAKI, Osamu** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **KAWACHI, Shoji** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **TANIGAWA, Shingo** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (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 JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41384** (13) A1

(21) PCT/US98/05067

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/819,965 (32) **18 Mar/mar 1997 (33) US (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 65/68, 65/02, A61M 25/00 // B29L 31:24**

(54) ● BONDING A POLYMER MEMBER TO A METALLIC MEMBER

● COLLAGE D'UN ELEMENT POLYMERE SUR UN ELEMENT METALLIQUE

(71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, P.O. Box 58167, Santa Clara, CA 95052-8167 (US).

(72) **PETERSON, Eric, D.**; 46820 Cloverleaf Court, Fremont, CA 94539 (US).

(74) **LYNCH, Edward, J.**; Heller, Ehrman, White & McAuliffe, 525 University Avenue, Palo Alto, CA 94301-1900 (US) et al. / etc.

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41385** (13) A1

(21) PCT/US98/05116

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/041,078 (32) **18 Mar/mar 1997 (33) US (18.03.1997)**

(31) Not furnished / (32) **12 Mar/mar 1998 (33) US (12.03.1998)**
non communiqué

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 67/00, C08L 67/02, 75/04, 77/00**

(54) ● LASER SINTERABLE THERMOPLASTIC POWDER

● POUVRE THERMOPLASTIQUE POUVANT ETRE AGGLOMERE PAR FRITAGE AU LASER

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

(72) **CLAUSEN, Christian, Henning**; P.O. Box 24, Woodbury, NJ 08096 (US). **MICKISH, Daniel, James**; 823 Mantigo Road, Wilmington, DE 19803 (US). **NEBE, William, John**; 2719 Tanager Drive, Wilmington, DE 19808 (US). **VAIDYA, Shailaja, R.**; 1 Paddock Place, Hockessin, DE 19707 (US).

(74) **TULLOCH, Rebecca, W.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41386** (13) A1

(21) PCT/JP98/01116

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/66010 (32) **19 Mar/mar 1997 (33) JP (19.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 67/04, C08J 5/18 // B29K 27:12**

(54) ● MOLDED POLYTETRAFLUOROETHYLENE ARTICLE AND METHOD OF PRODUCTION THEREOF

● ARTICLE EN POLYTETRAFLUOROETHYLENE MOULE ET SON PROCEDE DE PRODUCTION

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWACHI, Shoji** [JP/JP]; Kyoei Chemical Industries, Ltd., 1-33, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **HONJI, Kunihiko** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **UCHIDA, Tatsuro** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SHIRASAKI, Osamu** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **YAMADA, Masahiko** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41387** (13) A1

(21) PCT/US98/04633

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 60/040,792 (32) **14 Mar/mar 1997 (33) US (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29C 71/02, 35/08**

(54) ● POSTCURE TREATMENT FOR REACTION INJECTION MOLDED POLYURETHANES

● TRAITEMENT DE POST-DURCISSEMENT POUR POLYURETHANES MOULES PAR INJECTION ET REACTION

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCLAREN, John, W.** [US/US]; 1491 Hidden Valley, Milford, MI 48380 (US). **RETTMANN, Kenneth, J.** [US/US]; 29952 Jason Court, Novi, MI 48050 (US).

(74) **DOBSON, Kevin, S.**; Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

(81) AU BR CA CN ID JP KR MX RU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41388** (13) A1

(21) PCT/FR98/00546

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) fr (26) fr

(31) 97/03572 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B29D 24/00, B29C 47/12**

(54) ● METHOD FOR PRODUCING A HONEYCOMB CORE IN THERMOFUSIBLE MATERIAL, AND DEVICE FOR IMPLEMENTING SAME

● PROCEDE DE FABRICATION D'UNE STRUCTURE ALVEOLAIRE EN MATIERE THERMOFUSIBLE, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

(71, 72) **DUCRUY, Guy** [FR/FR]; Château de Varcès, F-38760 Varcès (FR).

(74) **CABINET GERMAIN ET MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).

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

Published / Publiée : (c)

(11) **WO 98/41389** (13) A1

(21) PCT/EP98/01185

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) de (26) de

(31) 197 10 723.0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B30B 5/06**

(54) ● DEVICE FOR CONTINUOUS PRODUCTION OF PLATE-SHAPED PRODUCTS
● DISPOSITIF DE PRODUCTION CONTINUE DE PRODUITS EN FORME DE PLAQUES

(71) **KVAERNER PANEL SYSTEMS GMBH** [DE/DE]; Industriestrasse 17-21, D-31832 Springe (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFFMANN, Peter** [DE/DE]; Friedrich-Strasse 27, D-31832 Springe (DE). **HAUPT, Ulrich** [DE/DE]; Helene-Weber-Strasse 13, D-30974 Wennigsen (DE).

(74) **FINSTERWALD, Manfred** et al. / etc.; Manitz, Finsterwald & Partner GbR, Robert-Koch-Strasse 1, D-80538 München (DE).

(81) CA CN CZ HU JP PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41390** (13) A1

(21) PCT/US98/05669

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/039,369 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) 60/041,322 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) Not furnished / non communiqué (32) **20 Mar/mar 1998 (20.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B30B 11/22, 11/24**

(54) ● EXTRUSION APPARATUS
● DISPOSITIF D'EXTRUSION

(71) **KOCH FEED TECHNOLOGIES COMPANY** [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) **LONG, David, H.**; 4880 Old Springfield Road, Springfield, OH 45502 (US).

(74) **FLINK, Frank, B., Jr.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41391** (13) A1

(21) PCT/FR98/00533

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) fr (26) fr

(31) 97/03787 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B31D 1/02, G08B 13/24, B32B 31/10**

(54) ● DEVICE FOR PLACING A SECONDARY ELEMENT AFFIXED ON A SILICON SUBSTRATE UNDER A MAIN ELEMENT, ITSELF AFFIXED ON A SILICON SUBSTRATE

● DISPOSITIF DESTINE A PLACER UN ELEMENT SECONDAIRE APPOSE SUR UN SUPPORT SILICONE SOUS UN ELEMENT PRINCIPAL, LUI-MEME APPOSE SUR UN SUPPORT SILICONE

(71) **ETIQSO, SOCIETE ANONYME** [FR/FR]; 14, cours du Général de Gaulle, F-33170 Gradignan (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERJON, Frédéric** [FR/FR]; 51, rue Bahus, F-33440 Talence (FR).

(74) **HAMMOND, William**; Cabinet Courtassol & Associés, 9, rue de Condé, F-33000 Bordeaux (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41392** (13) A1

(21) PCT/US98/05161

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,271 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B31F 1/20, B32B 29/08, 31/18, B65D 5/02**

(54) ● A CORRUGATED BOARD CONTAINER AND METHOD OF MAKING THE SAME
● RECEPACLE EN CARTON ONDULE ET PROCEDE DE FABRICATION

(71) **CONNELLY CONTAINERS, INC.** [US/US]; Brighters Ferry Road, Bala Cynwyd, PA 19004 (US).

(72) **CONNELLY, Thomas, S.**; 1301 Lafayette Road, Gladwyne, PA 19035 (US). **McGINLEY, Michael, J.**; 4902 Tibben Street, Philadelphia, PA 19128 (US). **STRACHAN, Alexander**; 127 Walnut Avenue, Marlton, NJ 08004 (US).

(74) **BELISARIO, Martin, G.** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103-7086 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41393** (13) A1

(21) PCT/US98/05340

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,067 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B32B 3/02, 3/10, G11B 5/66, 5/70, D06N 7/04, B05D 5/12, C23C 14/00, 14/32, C25B 9/00, 11/00, 13/00**

(54) ● MAGNETIC MEDIA WITH RANDOMLY POSITIONED TEXTURING FEATURES
● SUPPORT MAGNETIQUE COMPORTANT DES CARACTERISTIQUES DE TEXTURAGE POSITIONNE DE FAÇON ALEATOIRE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; Intellectual Property Building 14, 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUO, David, S.** [US/US]; 18923 Sydney Circle, Castro Valley, CA 94546 (US). **MARCHON, Bruno** [US/US]; 1810 Hamilton Avenue, Palo Alto, CA 94303 (US). **YAO, Wei, H.** [-/US]; 33909 Shylock Drive, Fremont, CA 94555 (US).

(74) **NIEBUHR, Frederick, W.**; Larkin, Hoffman, Daly & Lindgren, Ltd., 7900 Xerxes Avenue South #1500, Bloomington, MN 55431 (US).

(81) CN DE GB JP KR SG US.

(11) **WO 98/41394** (13) A1

(21) PCT/US98/04663

(22) 11 Mar/mar 1998 (11.03.1998)

(25) en (26) en

(31) 08/822,379 (32) 20 Mar/mar 1997 (33) US (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 3/26, B01D 53/22, B01J 20/28

(54) ● MULTI-LAYER MEMBRANE COMPOSITES AND THEIR USE IN HYDROCARBON PARTIAL OXIDATION

● COMPOSITES MULTI-COUCHES A MEMBRANE ET LEUR UTILISATION DANS L'OXYDATION PARTIELLE D'HYDROCARBURES

(71) EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) ABELES, Benjamin; 71 Deer Path, Princeton, NJ 08540 (US). HALL, Richard, B.; 40 Holland Brook Road, Whitehouse Station, NJ 08889 (US). ZHOU, Minyao; 38 Bayberry Drive, Somerset, NJ 08873 (US).

(74) HUGHES, Gerard, J. et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU CA JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41395 (13) A1

(21) PCT/US98/05329

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 08/820,767 (32) 19 Mar/mar 1997 (33) US (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 7/06, 7/10, B65C 3/02, G09F 3/04

(54) ● METHOD AND APPARATUS FOR STRENGTHENING A WRITING INSTRUMENT

● PROCEDE ET APPAREIL PERMETTANT DE RENFORCER UN INSTRUMENT D'ECRITURE

(71, 72) DEAL, Branden [US/US]; 7701 Renner Road, Shawnee, KS 66217 (US).

(74) LUEBBERING, Thomas, B.; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/41396 (13) A1

(21) PCT/EP98/01347

(22) 7 Mar/mar 1998 (07.03.1998)

(25) de (26) de

(31) 197 11 459.8 (32) 19 Mar/mar 1997 (33) DE (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 17/10, C03C 27/12

(54) ● PROCESS FOR PRODUCING A CURVED LAMINATED SAFETY GLASS SHEET

● PROCEDE POUR LA PRODUCTION DE VITRES FEUILLETEES DE SECURITE IN-CURVEES

(71) FLACHGLAS AUTOMOTIVE GMBH [DE/DE]; Otto-Seeling-Strasse 7, D-58455 Witten (DE).

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

(72, 75) COSTA, Peter [DE/DE]; Papenholz 34, D-58455 Witten (DE).

(74) NIEMANN, U.; Ahornstrasse 41, D-45134 Essen (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41397 (13) A1

(21) PCT/US98/04161

(22) 5 Mar/mar 1998 (05.03.1998)

(25) en (26) en

(31) 60/040,891 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(31) 08/880,490 (32) 23 Jun/juin 1997 (33) US (23.06.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 27/04

(54) ● AN ANTIWETTING COMPOSITION FOR FABRICS AND FIBROUS SUBSTRATES

● COMPOSITION D'ANTIMOULLAGE POUR TISSUS ET SUBSTRATS FIBREUX

(71) POROUS MEDIA CORPORATION [US/US]; 1350 Hammond Road, St. Paul, MN 55110 (US).

(72) ROBERTS, Keith, A.; 48 Maple Lane, St. Paul, MN 55117 (US).

(74) DOLGORUKOV, D., Edward; Marshall & Melhorn, 8th floor, Four SeaGate, Toledo, OH 43604 (US).

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

(11) WO 98/41398 (13) A1

(21) PCT/CA98/00236

(22) 13 Mar/mar 1998 (13.03.1998)

(25) en (26) en

(31) 60/040,712 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(31) 09/038,923 (32) 12 Mar/mar 1998 (33) US (12.03.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 27/12, 27/34, B60R 21/16

(54) ● COMPOSITE SHEET MATERIAL COMPRISING POLYAMIDE FILM AND FABRIC

● MATERIAU COMPOSITE EN FEUILLE, COMPRENANT UNE PELLICULE POLY-AMIDE ET UNE TOILE

(71) DUPONT CANADA INC. [CA/CA]; Streetsville, Box 2200, Mississauga, Ontario L5M 2H3 (CA).

(72) THURGOOD, Christopher, Paul; 1074 Pembroke Crescent, Kingston, Ontario K7P 1P3 (CA). MOLLISON, Alistair, Norman; 1413 Holly Court, Oakville, Ontario L6H 3J4 (CA). WHITFIELD, Geoffrey, St. Quentin; 212 Albert Street, Kingston, Ontario K7L 3V3 (CA).

(74) VAN ZANT, Joan, M.; Van Zant & Associates, Suite 1407, 77 Bloor Street West, Toronto, Ontario M5S 1M2 (CA).

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

Published / Publiée : (c)

(11) WO 98/41399 (13) A1

(21) PCT/US98/05108

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 60/041,015 (32) 19 Mar/mar 1997 (33) US (19.03.1997)

(31) 09/023,577 (32) 6 Feb/fév 1998 (33) US (06.02.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B32B 27/36, 27/20, 27/08

(54) ● THERMOFORMABLE MULTILAYERED POLYESTER SHEET

● FEUILLE DE POLYESTER MULTICOUCHE THERMOFORMABLE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) CHATURVEDI, Charu, M.; Apartment 203, 81 Dartmouth Street, Pittsfield, MA 01201 (US). CLARK, Angelika, Howard; 1019 Pinehurst Drive, Mount Vernon, IN 47620 (US). DANSEY, Scott, E.; 2302 Elm Street, Parkersburg, WV 26101 (US). LIKIBI, Jean, Marie, Parfait; 3322 Westhampton Drive, Newburgh, IN 47630 (US). ROBERTS, Daniel, Lee; 28 Windsor Drive, Albany, NY 12205 (US). KOPP, Dennis, Allen; 18 Faucett Lane, Pittsfield, MA 01201 (US). TRYSON, Glen, R.; HCR 1 Box 22, Malden Bridge, NY 12115 (US).

(74) SNYDER, Bernard et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41400 (13) A1

(21) PCT/NZ98/00036

- (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) en (26) en
 (31) 314427 (32) **17 Mar/mar 1997 (17.03.1997)** (33) NZ
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B32B 29/08, B65D 65/40, B31F 1/28**
 (54) ● PROCESS AND DEVICE FOR MAKING A CORRUGATED SHEET FOR CONTAINERS
 ● PROCEDE ET DISPOSITIF DE FABRICATION D'UNE FEUILLE ONDULEE DESTINEE A DES CONTENANTS
 (71) **INSUL-BOX (NZ) LIMITED** [NZ/NZ]; 72 Charles Prevost Drive, Manurewa, Auckland 1702 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HARRISON, Wayne, John** [NZ/NZ]; 72 Charles Prevost Drive, Manurewa, Auckland 1702 (NZ).
 (74) **WELLS, Ceri, P., K.** et al. / etc.; 29 Clarence Street, P.O. Box 759, Hamilton 2001 (NZ).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41401** (13) A1
 (21) PCT/US97/15176
 (22) **28 Aug/août 1997 (28.08.1997)**
 (25) en (26) en
 (31) 97104663.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) EP
 (34) DE et al. / etc.
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B32B 31/00**
 (54) ● METHOD OF ASSEMBLING WEB OR FILM MATERIALS UTILISING A STATIC ELECTRICAL CHARGE
 ● PROCEDE D'ASSEMBLAGE DE MATERIAUX EN BANDE OU EN FILM UTILISANT UNE CHARGE ELECTROSTATIQUE
 (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) **DUMPELMANN, Dirk** [DE/DE]; Lommersumer Strasse 15, D-53909 Zuelpich (DE).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41402** (13) A1

(21) PCT/US98/05368

- (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 825,233 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B41F 35/00, B41L 41/00**
 (54) ● CLEANING SYSTEM FOR BLANKET CYLINDERS
 ● SYSTEME DE NETTOYAGE DE CYLINDRES PORTE-BLANCHETS
 (71) **MACHINE DESIGN SERVICES, INC.** [US/US]; 3535 Larimer Street, Denver, CO 80205 (US).
 (72) **MARQUEZ, Manuel, E.**; 777 Folsom Circle, Milpitas, CA 95035 (US). **ROZENFELD, Boris**; 19019 East Chenango Circle, Aurora, CO 80015 (US). **NEMETH, Peter**; 38 Sedgwick Drive, Englewood, CO 80110 (US).
 (74) **CARSON, W., Scott** et al. / etc.; Dorr, Carson, Sloan & Birney, P.C., 3010 E. 6th Avenue, Denver, CO 80206 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41403** (13) A1
 (21) PCT/JP97/00914
 (22) **19 Mar/mar 1997 (19.03.1997)**
 (25) ja (26) ja
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B42D 9/04, B41J 13/26**
 (54) ● ELECTROPHOTOGRAPHIC BANKBOOK PRINTER
 ● IMPRIMANTE ELECTROPHOTOGRAPHIQUE POUR LIVRE DE BANQUE
 (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MOCHIZUKI, Akira** [JP/JP]; 1-1969-9, Akatsuka, Mito-shi, Ibaraki 311-41 (JP). **SATO, Goro** [JP/JP]; 3-15-15, Inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **MORI, Kenji** [JP/JP]; 7-46, Nakakandatumachi, Tsuchiura-shi, Ibaraki 300 (JP). **WATANABE, Michihiro** [JP/JP]; 3-15-16, Kandatsuchuuou, Tsuchiura-shi, Ibaraki 300 (JP). **NUMATA, Shigeki** [JP/JP]; 5-9-3, Oshisawadai, Kasugai-shi, Aichi 487 (JP). **SHIBUYA, Yasuhiro** [JP/JP]; 3-1605, Sekobou, Meitoku, Nagoya-shi, Aichi 465 (JP).
 (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
 (81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41404** (13) A1

(21) PCT/RU97/00066

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) ru (26) ru

(43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **B42D 15/00**
 (54) ● PERSONAL IDENTIFICATION IN THE FORM OF A TOURIST'S BOOKLET
 ● DOCUMENT D'IDENTITE SOUS FORME DE CARNET PERSONNEL DE TOURISME
 (71, 72) **SARKISIAN, Khachatur Geivandovich** [RU/RU]; Karelsky bulvar, 4-3-64, Moscow, 127644 (RU). **PUGACHEVA, Nataliya Vladimirovna** [RU/RU]; per. Leontievsky, 15-5, Moscow, 103009 (RU). **KALININA, Irina Viktorovna** [RU/RU]; ul. Zhivopisnaya, 9-1-47, Moscow, 123103 (RU).
 (74) **PATENT SERVICES CENTRE "PATIS"**; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).
 (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41405** (13) A1

(21) PCT/FI98/00231

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fi (26) en

(31) 971082 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI
 (43) 24 Sep/sep 1998 (24.09.1998)(51)⁶ **B42F 5/00**

- (54) ● A FOLLOW-UP ARRANGEMENT AND A METHOD FOR THE REALIZATION THEREOF
 ● DISPOSITIF DE SUIVI ET PROCEDE DE REALISATION ASSOCIE
 (71) **REALSPORT OY** [FI/FI]; Olympiastadion, Eteläkaarre B, FIN-00250 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MUNKBERG, Lars** [FI/FI]; Asematie 10 A 4, FIN-02700 Kauniainen (FI).
 (74) **BORENIUS & CO. OY AB**; Folkskolegränd 3, FIN-00100 Helsingfors (FI).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41406** (13) A1

(21) PCT/US98/05206

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,059 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B42F 13/00**

- (54) ● PRINTABLE INDEX SHEET
 ● FEUILLE A ONGLET IMPRIMABLE

(71) **ACCO USA, INC.** [US/US]; 770 South Acco Plaza, Wheeling, IL 60090 (US).

- (72) **GOLDMAN, Michael**; 630 Bent Creek Ridge, Deerfield, IL 60015 (US).
- (74) **JONES, Harry, C., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) CA CN MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41407** (13) A1

(21) PCT/AT98/00010

(22) **20 Jan/jan 1998 (20.01.1998)**

(25) de (26) de

(31) GM 163/97 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B43K 23/00, B43M 11/00**

(54) ● HOLDER FOR A HANDHELD DEVICE FOR APPLYING A CORRECTING OR ADHESIVE SUBSTANCE

● DISPOSITIF DE SUPPORT POUR UN APPAREIL A MAIN SERVANT A L'APPLICATION D'UNE SUBSTANCE CORRECTRICE OU ADHESIVE

(71) **KORES HOLDING ZUG AG** [CH/CH]; Baarers-
trasse 57, CH-6300 Zug (CH).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KORESKA, Peter** [AT/AT]; Nußdorfer Lände
29-33, A-1190 Wien (AT). **KÖRESKA, Robert**
[AT/AT]; Nußdorfer Lände 29-33, A-1190 Wien
(AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14,
A-1010 Wien (AT).

(81) BR JP MX RU US; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41408** (13) A1

(21) PCT/SE98/00434

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) sv (26) en

(31) 9700970-8 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B44C 3/04, B22C 1/20**

(54) ● SAND MATERIAL MIXTURE AND METHOD
OF PRODUCING THE SAME

● MELANGE A BASE DE SABLE ET SON
PROCEDE D'OBTENTION

(71) **DELTASAND AB** [SE/SE]; P.O. Box 1000, S-430
17 Skällinge (SE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **MODELL, Sven, Jonas** [SE/SE]; Ty-
navägen 20 B, S-302 50 Halmstad (SE). **THU-
RESSON, Jan, Torgny, Staffan** [SE/SE]; Kasten
Rönnowsgatan 6, S-302 36 Halmstad (SE).
BÖRJESSON, Jan, Christer, Borje [SE/SE];
P.O. Box 58, S-430 17 Skällinge (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71
Malmö (SE).

- (81) AL AM AT AT (Utility model / modèle d'utilité)
AU AZ BA BB BG BR BY CA CH CN CU CZ CZ
(Utility model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility model
/ modèle d'utilité) EE EE (Utility model / modèle
d'utilité) ES FI FI (Utility model / modèle d'utilité)
GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ
TM TR TT UA UG US UZ VN YU ZW; AP (GH
GM KE LS MW SD SZ UG ZW); EA (AM AZ
BY KG KZ MD RU TJ TM); EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE);
OA (BF BJ CF CG CI CM GA GN ML MR NE
SN TD TG).

(11) **WO 98/41409** (13) A1

(21) PCT/EP98/01033

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) de (26) de

(31) 197 10 619.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B44C 5/04, C08G 12/42, D21H 27/26, 27/28,
B32B 27/04**

(54) ● SOLID PARTICLES COATED WITH MELA-
MINE RESIN AND THE USE THEREOF FOR
PRODUCING DECORATIVE OBJECTS

● PARTICULES SOLIDES RECOUVERTES
DE RESINE MELAMINE ET LEUR UTILI-
SATION POUR FABRIQUER DES OBJETS
DECORATIFS

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE];
D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **WITTMANN, Otto** [DE/DE];
Max-Beckmann-Strasse 13b, D-67227 Franken-
thal (DE). **ETLING, Hans** [DE/DE]; Pommerns-
trasse 12, D-67125 Dannstadt-Schauernheim (DE).
DECHER, Jakob [DE/DE]; Otto-Karch-Strasse
12, D-67240 Bobenheim-Roxheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056
Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP
KR KZ LT LV MX NO NZ PL RO RU SG SI SK
TR UA US; EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41410** (13) A1

(21) PCT/US98/05336

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) PI 9701349 (32) **19 Mar/mar 1997 (19.03.1997)** (33) BR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60B 3/04, B23K 33/00**

(54) ● STRUCTURE AND METHOD FOR CON-
NECTING RIM AND DISK INTEGRATED
WHEELS

● STRUCTURE ET PROCEDE SERVANT A
CONNECTER LA JANTE ET LE DISQUE DE
ROUES INTEGREES

(71) **MERITOR DO BRASIL S/A** [BR/US]; 2130 West
Maple Road, Troy, MI 48084 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **MIKAMI, Celestino** [BR/BR]; Avenida Ma-
jor José Levy Sobrinho, 2700, CEP-13486-215 Li-
meira, SP (BR).

(74) **SLENZAK, Laura, M.**; Meritor Automotive, Inc.,
2135 West Maple Road, Troy, MI 48084 (US) et
al. / etc.

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

Published / Publiée : (c)

(11) **WO 98/41411** (13) A1

(21) PCT/JP98/00996

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) ja (26) ja

(31) 9/81999 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP(31) 9/203910 (32) **15 Jul/juil 1997 (15.07.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60B 15/00**

(54) ● TIRE WITH LUG SEGMENTS

● PNEU MUNI DE BARRETTES

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome,
Minato-ku, Tokyo 107-8414 (JP).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KANAYAMA, Noboru** [JP/JP]; Komatsu Ltd.
Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi,
Osaka 573-1011 (JP). **KOMORI, Shinya** [JP/JP];
Komatsu Ltd. Construction Equipment Research
Center, 20-1, Nakase 3-chome, Kawasaki-ku, Ka-
wasaki-shi, Kanagawa 210-0818 (JP).

(74) **HASHIZUME, Yoshihiko**; Komatsu Building
8F, 3-6, Akasaka 2-chome, Minato-ku, Tokyo
107-8414 (JP).

(81) AU KR US; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

(11) **WO 98/41412** (13) A1

(21) PCT/DE98/00783

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 297 04 863.5 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60G 7/00**

(54) ● SWING ARM ESPECIALLY FOR A FRONT
OR REAR AXLE

● ESSIEU FLOTTANT, NOTAMMENT POUR
ESSIEU AVANT OU ARRIERE

(71) **GESELLSCHAFT FÜR INNENHOCHDRU-
CKVERFAHREN MBH & CO. KG** [DE/DE];
Industriestrasse 20, D-73441 Boplingen (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KLAAS, Friedrich** [DE/DE]; Achalmstrasse
24, D-73432 Aalen (DE).

(74) **NEIDL-STIPPLER, Cornelia**; Rauchstrasse 2,
D-81679 München (DE).

(81) BR CA MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41413** (13) A1

(21) PCT/DE98/00679

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 11 060.6 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60H 1/24, B60J 9/04, F24F 9/00**

(54) ● DEVICE FOR PRODUCING HOT AIR CURTAINS FOR DOOR OPENINGS IN LOCAL TRANSIT VEHICLES

● DISPOSITIF POUR LA PRODUCTION DE RIDEAUX D'AIR CHAUFFE AU NIVEAU DES OUVERTURES DE PORTES, EN PARTICULIER DE VEHICULES DE TRANSPORT SUR PETITES DISTANCES

(71) **DUEWAG AKTIENGESELLSCHAFT** [DE/DE]; Duisburger Strasse 145, D-47829 Krefeld (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEYER, Karl-Eberhard** [DE/DE]; Leichlinger Strasse 18, D-40591 Düsseldorf (DE). **HE-NATSCH, Alfred** [DE/DE]; Freischützstrasse 11, D-01259 Dresden (DE).

(81) CA CZ JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41414** (13) A1

(21) PCT/US98/04911

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/819,786 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60J 5/04**

(54) ● VEHICLE DOOR HARDWARE
● PIECES DE PORTE DE VEHICULE

(71) **GENERAL MOTORS CORPORATION** [US/US]; P.O. Box 33114, Detroit, MI 48232 (US).

(72) **MANUEL, Mark**; 38487 Ammerst, Clinton Township, Macomb County, MI 48038 (US). **OCHENSKI, James, E.**; 7239 Marian, Warren, MI 48092 (US). **MILLER, Harry, D.**; 43548 Karli Lane, Canton, MI 48188 (US). **GMUROWSKI, Waldemar, W.**; 34884 Amsterdam, Sterling Heights, MI 48312 (US). **MADEJA, Timothy, B.**; 592 University, Pontiac, MI 48342 (US).

(74) **BRIDGES, Michael, J.**; General Motors Corporation, Legal Staff, P.O. Box 33114, Detroit, MI 48232 (US).

(81) AU BR CA CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41415** (13) A1

(21) PCT/SE98/00466

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) sv (26) en

(31) 9701023-5 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60K 15/035, B62D 47/02**

(54) ● ARRANGEMENT FOR VENTING OF FUEL TANKS IN A VEHICLE

● DISPOSITIF DE VENTILATION DE RESERVOIRS DE CARBURANT DANS UN VEHICULE

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

(72) **MALMSTRÖM, Jan**; Oskarsgården, Kantorp, S-640 24 Sköldinge (SE). **DAVIDSSON, Karl-Gustav**; Renstigen 24, S-641 35 Katrineholm (SE). **JONSSÖN, Dennis**; Björnmovägen 19, S-64135 Katrineholm (SE).

(74) **WALDEBÄCK, Hans**; Scania CV AB, Patent, S-151 87 Södertälje (SE).

(81) BR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41416** (13) A1

(21) PCT/US98/01949

(22) **2 Feb/fév 1998 (02.02.1998)**

(25) en (26) en

(31) 08/820,625 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60K 28/16, E01C 19/22**

(54) ● TRACTION CONTROL APPARATUS AND METHOD FOR A HYDROSTATICALLY DRIVEN WORK MACHINE

● APPAREIL DE COMMANDE DE TRACTION ET PROCEDE RELATIF A UN ENGIN A TRANSMISSION HYDROSTATIQUE

(71) **CATERPILLAR PAVING PRODUCTS INC.** [US/US]; 9401 85th Avenue North, Minneapolis, MN 55445 (US).

(72) **FERGUSON, Alan, L.**; 1608 W. Lincolnwood Pl., Peoria, IL 61614 (US). **GREMBOWICZ, Conrad, G.**; 3410 N. El Vista, Peoria, IL 61604 (US). **OLSON, Dale, M.**; 6509 Horseshoe Bend, Hamel, MN 55340 (US).

(74) **BUCK, Byron, G., II** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41417** (13) A1

(21) PCT/JP97/00918

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60L 15/20**

(54) ● METHOD FOR CONTROLLING ELECTRIC ROLLING STOCK

● PROCEDE DE COMMANDE D'UN MATERIEL ROULANT ELECTRIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP). **HITACHI CAR ENGINEERING CO., LTD.** [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki 312 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Hiroyuki** [JP/JP]; Room 101, Shimizu Corp., 1853-68, Tsuda, Hitachinaka-shi,

Ibaraki 312 (JP). **KATADA, Hiroshi** [JP/JP]; 9-19, Nishiohshima 1-chome, Hitachinaka-shi, Ibaraki 312 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41418** (13) A1

(21) PCT/IB98/00438

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 08/819,151 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60N 2/02, 2/44**

(54) ● APPARATUS AND METHOD FOR ADJUSTING THE POSITION OF A SUPPORTING ELEMENT IN A SEAT

● PROCEDE ET DISPOSITIF DE REGLAGE DE LA POSITION D'UN ELEMENT DE MAINTIEN D'UN SIEGE

(71) **SCHUKRA OF NORTH AMERICA LTD.** [CA/CA]; 1361 Ouellette Avenue, P.O. Box 1270, Windsor, Ontario N9A 6R3 (CA).

(72) **BENSON, Joseph**; 8255 North Dixboro Road, South Lyon, MI 48178 (US).

(74) **O'GORMAN, Hugh** et al. / etc.; Smart & Biggar, 900 - 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

(81) AU BR CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41419** (13) A1

(21) PCT/CA98/00215

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/040,573 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 60/067,041 (32) **4 Dec/déc 1997 (04.12.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60N 2/36**

(54) ● CONVERTIBLE REAR SEAT ASSEMBLY FOR A VEHICLE

● ENSEMBLE SIEGE ARRIERE CONVERTIBLE POUR AUTOMOBILE

(71) **MAGNA INTERIOR SYSTEMS INC.** [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

(72) **NEALE, Colin, G.**; 20242 Old Colony, Dearborn Heights, MI 48127 (US). **HADLEY, Philip, W.**; 5808 Putnam Drive, West Bloomfield, MI 48323 (US). **LANGENSIEPEN, Eric, M.**; 20250 Elwood, Beverly Hill, MI 48025 (US).

(74) **IMAI, Jeffrey, T.**; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

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

Published / Publiée : (c)

- (11) **WO 98/41420** (13) A1
 (21) PCT/ES98/00048
 (22) **27 Feb/fév 1998 (27.02.1998)**
 (25) es (26) es
 (31) U 9700698 (32) **18 Mar/mar 1997 (18.03.1997)** (33) ES

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60N 2/48**

- (54) ● IMPROVED HEAD-REST FOR SEATS
 ● APPUI-TÊTE POUR SIÈGES PERFECTI-
 ONNE
 (71, 72) **CASALS MARTORELL, Jorge** [ES/ES];
 Calle Milanesado, 8, E-08017 Barcelona (ES).

(74) **ISERN JARA, Jaime**; Avenida Paul Casals, 22,
 E-08021 Barcelona (ES).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE HU IL IS
 JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MD MG MK MN MW MX NO NZ PL PT RO RU
 SD SE SG SI SK SL TJ TM TR TT UA UG US
 UZ VN; AP (GH GM KE LS MW SD SZ UG ZW);
 EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT
 BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE); OA (BF BJ CF CG CI CM GA GN
 ML MR NE SN TD TG).

(11) **WO 98/41421** (13) A1

(21) PCT/FR97/00459

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) fr (26) fr

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60N 3/10**

- (54) ● DISPOSITIF DE MAINTIEN EN POSITION
 VERTICALE D'UN OBJET SUR UN PLAN
 INCLINE
 ● DISPOSITIF DE MAINTIEN EN POSITION
 VERTICALE D'UN OBJET SUR UN PLAN
 INCLINE

(71, 72) **JEANSON, Jean-François** [FR/FR]; Le Clos
 Massée, 8, route Principale, F-10320 Assenay
 (FR).

(74) **GERARDIN, Robert, Jean, René**; Prot'Innov In-
 ternational S.A., 3A, avenue Georges Clemenceau,
 Boîte postale 2764, F-51066 Reims Cedex (FR).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU IL
 IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 US UZ VN YU; AP (GH KE LS MW SD SZ UG);
 EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT
 BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE); OA (BF BJ CF CG CI CM GA GN
 ML MR NE SN TD TG).

(11) **WO 98/41422** (13) A1

(21) PCT/DE98/00694

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 11 392.3 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60R 19/00, 22/46 // B62D 21/15**

- (54) ● MOTOR VEHICLE STEERING COLUMN
 AND SEAT BELTS WITH A PROTECTION
 DEVICE

- COLONNE DE DIRECTION ET CEINTURES
 DE SECURITE D'UN VEHICULE AVEC
 DISPOSITIF DE PROTECTION

(71, 72) **GO, Giok, Djien** [DE/DE]; Pfahlgrabenstrasse
 45, D-65510 Idstein (DE).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/41423** (13) A1

(21) PCT/SE98/00473

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) sv (26) en

(31) 9700916-1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60R 19/56**

- (54) ● DEVICE FOR UNDERRUN PROTECTION IN
 VEHICLES
 ● SYSTEME DE PROTECTION EMPECHANT
 UN VEHICULE DE PASSER SOUS UN
 AUTRE

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08
 Göteborg (SE).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **GOLLUNGBERG, Peter** [SE/SE]; Köleröd
 350, S-440 60 Skärhamn (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihs Pa-
 tentbyrå Göteborg AB, P.O. Box 142, S-401 22
 Göteborg (SE).

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

Published / Publiée : (a)

(11) **WO 98/41424** (13) A1

(21) PCT/US98/05074

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,721 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60R 21/00**

- (54) ● WEIGHT SENSOR FOR CONTROLLING
 AIRBAG DEPLOYMENT
 ● DETECTEUR DE POIDS PERMETTANT DE
 COMMANDER LE DEPLOIEMENT D'UN
 AIRBAG

(71) **SOUTHWEST RESEARCH INSTITUTE**
 [US/US]; 6220 Culebra Road, San Antonio, TX
 78228-0510 (US).

(72) **KWUN, Hegeon**; 1030 Frost Fire, San Antonio,
 TX (US).

(74) **KINBERG, Robert** et al. / etc.; Spencer & Frank,
 Suite 300 East, 1100 New York Avenue, N.W.,
 Washington, DC 20005-3955 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU IL
 IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 UZ VN YU ZW; AP (GH GM KE LS MW SD
 SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
 TM); EP (AT BE CH DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
 CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41425** (13) A1

(21) PCT/US98/03247

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) en (26) en

(31) 08/816,791 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60R 21/20**

- (54) ● VEHICLE INSTRUMENT PANEL WITH
 SEAMLESS AIRBAG COVER
 ● TABLEAU DE BORD DE VEHICULE COM-
 PRENANT UN COUVERCLE DE COUSSIN
 GONFLABLE DE SECURITE D'ASPECT
 UNIFORME

(71) **UT AUTOMOTIVE DEARBORN, INC.**
 [US/US]; 5200 Auto Club Drive, Dearborn,
 MI 48126 (US).

(72) **HANNERT, Lynn, F.**; 24609 Park Terrace Drive,
 Harrison Township, MI 48045 (US). **O'BRIEN,
 Timothy**; 1321 Corey Cove, White Lake, MI 48383
 (US).

(74) **OLDS, Theodore, W.** et al. / etc.; Howard &
 Howard Attorneys, P.C., Suite 101, 1400 North
 Woodward Avenue, Bloomfield Hills, MI 48304
 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE
 IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/41426** (13) A1

(21) PCT/SE98/00477

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 9705453.0 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B60R 21/22, B60N 2/42 // A47C 27/08**

- (54) ● IMPROVEMENTS IN OR RELATING TO A
 VEHICLE SAFETY SEAT
 ● AMELIORATIONS APORTEES A UN SIÈGE
 DE SECURITE DE VEHICULE

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE];
 S-447 83 Vårgårda (SE).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **LINDSTRÖM, Martin** [SE/SE];
 Bruntorpsvägen 53, S-443 95 Stenkullen (SE).

(74) **MEULLER, Erik**; Autoliv Development AB,
 S-447 83 Vårgårda (SE).

(81) BR US; EP (AT BE CH DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41427** (13) A1

(21) PCT/US97/23673

(22) 17 Dec/déc 1997 (17.12.1997)

(25) en (26) en

(31) 08/819,931 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B60R 22/00, D02J 1/22, D01F 6/62, D03D 1/00(54) ● LOAD LEVELING YARNS AND WEBBINGS
● FILS DE CHAÎNE ET SANGLES A EFFET DE REPARTITION DE CHARGE

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) WEINING, Tang; 165 Dafrack Drive, Lake Hiawatha, NJ 07032 (US). MARES, Frank; 32 Valley Forge Drive, Whippany, NJ 07981 (US). MORGAN, Robert, Clark; 4 Irving Place, Summit, NJ 07901 (US).

(74) CRISS, Roger, H.; AlliedSignal Inc., (Law Dept., Attn: E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/41428 (13) A1

(21) PCT/ES97/00067

(22) 14 Mar/mar 1997 (14.03.1997)

(25) es (26) es

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B60R 25/08, B62H 5/18(54) ● ANTI-THEFT SYSTEM FOR CAR OR MOTORCYCLE
● SYSTEME ANTIVOL POUR VOITURE OU MOTO

(71, 72) PEREZ FERNANDEZ, Juan Carlos [ES/ES]; Calle Cabruñana, 16-1° Derecha, E-33400 Aviles Asturias (ES).

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

(11) WO 98/41429 (13) A1

(21) PCT/GB98/00779

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 9705445.6 (32) 15 Mar/mar 1997 (33) GB (15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B60T 8/00, 13/66(54) ● VEHICLE BRAKING SYSTEM
● SYSTEME DE FREINAGE DE VEHICULE(71) GRAU LIMITED [GB/GB]; Moons Moat Drive, Moons Moat North, Redditch, Worcestershire B98 9HA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSS, Colin, Ford [GB/GB]; 7 Pintail Grove, Kidderminster, Worcs DY10 4RT (GB). HARRISON, Dudley, John [GB/GB]; 49 Manor Farm Road, Tyseley, Birmingham, West Midlands B94 5BG (GB).

(74) FORRESTER KETLEY & CO.; Chaimberlain House, Paradise Place, Birmingham B3 3HP (GB).

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

(11) WO 98/41430 (13) A1

(21) PCT/EP98/01482

(22) 13 Mar/mar 1998 (13.03.1998)

(25) de (26) de

(31) 197 10 862.8 (32) 15 Mar/mar 1997 (33) DE (15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B60T 8/36, 8/44, 13/14, 13/68, G05D 16/20, F15B 13/043(54) ● HYDRAULIC BRAKING SYSTEM OPERATED BY EXTRANEIOUS FORCE
● SYSTEME DE FREINAGE HYDRAULIQUE COMMANDE PAR UNE FORCE EXTÉRIEURE(71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEIGEL, Hans-Jörg [DE/DE]; Ahornring 66, D-61191 Rosbach (DE).

(74) BLUM, K.-D. et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41431 (13) A1

(21) PCT/EP98/01378

(22) 10 Mar/mar 1998 (10.03.1998)

(25) de (26) de

(31) 197 10 602.1 (32) 14 Mar/mar 1997 (33) DE (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B60T 13/74, 11/04(54) ● AUXILIARY ACTUATING DEVICE FOR AN ELECTROMECHANICALLY ACTUATED PARKING BRAKE SYSTEM
● DISPOSITIF D'ACTIONNEMENT AUXILIAIRE POUR UN SYSTEME DE FREIN DE STATIONNEMENT A ACTIONNEMENT ELECTROMECHANIQUE(71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALZ, Jürgen [DE/DE]; Birkenstrasse 20, D-65510 Hünstetten-Oberlibbach (DE). DENHARD, Werner [DE/DE]; Dietrichsberg 7, D-63607 Wächtersbach (DE). WEILER, Rolf [DE/DE]; Zum Kohlwaldfeld 20, D-65817 Eppstein (DE).

(74) PORTWICH, Peter et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) WO 98/41432 (13) A1

(21) PCT/SE98/00469

(22) 13 Mar/mar 1998 (13.03.1998)

(25) sv (26) en

(31) 9700986-4 (32) 18 Mar/mar 1997 (33) SE (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B61B 1/02(54) ● AN ARRANGEMENT RELATING TO RAILROAD STATION PLATFORMS
● AMENAGEMENT APORTE A DES QUAIS DE GARE FERROVIAIRE

(71, 72) OLAUSSON, Bror, Ivar, Gustav [SE/SE]; Åsen 3, S-640 23 Valla (SE). FREDRIKSSON, Mats, Bertil [SE/SE]; Astrakanvägen 6, S-641 47 Katrineholm (SE).

(74) LINDBLOM, Erik, J.; Flotthamn, S-150 23 Enhöma (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/41433 (13) A2

(21) PCT/DE98/00680

(22) 6 Mar/mar 1998 (06.03.1998)

(25) de (26) de

(31) 197 11 036.3 (32) 17 Mar/mar 1997 (33) DE (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ B61C 9/00(54) ● RAIL VEHICLE, ESPECIALLY A LOW-PLATFORM URBAN RAILWAY WAGON
● VEHICULE SUR RAILS, EN PARTICULIER WAGON A PLATE-FORME SURBAISSEE DE CHEMIN DE FER URBAIN(71) DUEWAG AKTIENGESELLSCHAFT [DE/DE]; Duisburger Strasse 145, D-47829 Krefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHILLINGS, Dieter [DE/DE]; Salmstrasse 32, D-41472 Neuss (DE). MÜLLER, Gabriele [DE/DE]; Höhenstrasse 23, D-40227 Düsseldorf (DE).

(74) DUEWAG AKTIENGESELLSCHAFT; Duisburger Strasse 145, D-47829 Krefeld (DE).

(81) CA CZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41434** (13) A1
 (21) PCT/US98/05019
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 60/040,611 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (31) 08/869,657 (32) **5 Jun/juin 1997 (05.06.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B61G 7/00**
 (54) ● TIGHTLOCK COUPLER LOCKLIFT ASSEMBLY
 ● ENSEMBLE LEVE-VERROU D'ATTELAGE A VERROUILLAGE HERMETIQUE
 (71) **BUCKEYE STEEL CASTINGS COMPANY** [US/US]; 2211 Parsons Avenue, Columbus, OH 45207 (US).
 (72) **CARIFA, Mark, R.;** 6919 Groveton Way, Reynoldsburg, OH 43068 (US).
 (74) **BUROW, Scott, A.;** Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606 (US).
 (81) AU CA CN MX.

- (11) **WO 98/41435** (13) A1
 (21) PCT/JP97/00916
 (22) **19 Mar/mar 1997 (19.03.1997)**
 (25) ja (26) ja
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B61L 23/14, H04Q 9/00, H04L 13/00, H04J 13/00**
 (54) ● METHOD AND SYSTEM FOR CONTROLLING TRAIN BY RADIO
 ● PROCEDE ET SYSTEME DE REGULATION DE TRAIN PAR RADIO
 (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YOKOSUKA, Yasushi** [JP/JP]; 3608-17, Mitanda, Hitachinaka-shi, Ibaraki 312 (JP). **MAEKAWA, Keiji** [JP/JP]; Tozawa Ryo, 10-12, Suehirocho 3-chome, Hitachi-shi, Ibaraki 316 (JP). **KAWABATA, Atsushi** [JP/JP]; 42-68, 1 shinazakacho 1-chome, Hitachi-shi, Ibaraki 319-12 (JP). **FUJIWARA, Michio** [JP/JP]; 1298-21, Higashishikawa, Hitachinaka-shi, Ibaraki 312 (JP).
 (74) **OGAWA, Katsuo;** Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
 (81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41436** (13) A2
 (21) PCT/GB98/00785
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 9705450.6 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B62B 7/00, 9/14**
 (54) ● BUGGIES FOR INFANTS
 ● POUSETTES POUR BEBES

- (71) **BABYPHERE LIMITED** [GB/GB]; Unit 6c, 29 Consul Road, Rugby, Warwickshire CV21 1PB (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, Oxon OX15 4NA (GB). **POWELL, Graham** [GB/GB]; 1 The Mews, Hyde Place, Lemington Spa, Warwickshire CV32 5BU (GB).
 (74) **COLES, Graham, Frederick;** Graham Coles & Co., 24 Seeleys Road, Beaconsfield, Buckinghamshire HP9 1SZ (GB).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41437** (13) A1
 (21) PCT/EP98/01115
 (22) **27 Feb/fév 1998 (27.02.1998)**
 (25) de (26) de
 (31) 197 11 381.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B62D 7/02**
 (54) ● WHEEL SUSPENSION FOR MOTOR VEHICLES, ESPECIALLY UTILITY VEHICLES
 ● SUSPENSION DESTINEE A DES VEHICULES AUTOMOBILES, NOTAMMENT DES VEHICULES UTILITAIRES
 (71) **DAIMLER-BENZ AKTIENGESELLSCHAFT** [DE/DE]; Epplestrasse 225, D-70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **AMMON, Dieter** [DE/DE]; Hohenheimer Strasse 96, D-71686 Remseck-Aldingen (DE). **BÖTTIGER, Friedrich** [DE/DE]; Lerchenbergstrasse 26/1, D-73733 Esslingen (DE). **CHEMNITZ, Hans-Dieter** [DE/DE]; Prinzenstrasse 10, D-12207 Berlin (DE). **HÖLZEL, Günter** [DE/DE]; Im Stock 5, D-73269 Hochdorf (DE). **RAMACHER, Klaus** [DE/DE]; Stockenerstrasse 58, D-52223 Stollberg-Breinig (DE). **ROSENKRANZ, Volker** [DE/DE]; Panoramastrasse 73, D-69126 Heidelberg (DE). **SCHÖN, Harald** [DE/DE]; Hauptstrasse 123, D-73240 Wendlingen (DE). **STÜTE, Manfred** [DE/DE]; Kimmichsweiler Weg 4, D-73730 Esslingen (DE). **WOJATSCHKE, Jürgen** [DE/DE]; Bergstrasse 87, D-73733 Esslingen (DE).
 (74) **DAHMEN, Toni** et al. / etc.; Daimler-Benz Aktiengesellschaft, FTP/S, C106, D-70546 Stuttgart (DE).
 (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41438** (13) A1
 (21) PCT/US98/03804
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 60/040,865 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (31) 09/028,119 (32) **23 Feb/fév 1998 (23.02.1998)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B62D 61/02**
 (54) ● UNITARY POWER MODULE FOR ELECTRIC VEHICLES
 ● MODULE MONOBLOC DE PUISSANCE POUR VEHICULES ELECTRIQUES
 (71) **CURRIE TECHNOLOGIES INCORPORATED** [US/US]; Suite A. 7011 Hayvenhurst Avenue, Van Nuys, CA 91406 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MAYER, Richard, A.** [US/US]; 28371 Robin Avenue, Saugus, CA 91350 (US). **WIDMANN, Bruce, S.** [US/US]; 3434 Delilah Street, Simi Valley, CA 93063 (US). **TERR, Seth, A.** [US/US]; 2741 N. Frederic Street, Burbank, CA 91504 (US). **BANK, Devin, S.** [US/US]; 1316 Carmalina Avenue #1, Los Angeles, CA 90025 (US). **CURRIE, Malcolm, R.** [US/US]; 28780 Wagon Road, Agoura, CA 91301 (US).
 (74) **CAGE, Kenneth, L.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41439** (13) A1
 (21) PCT/US98/05465
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 08/820,098 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B62J 7/06**
 (54) ● SIDE LOADING WATER BOTTLE HOLDER
 ● PORTE-BOUEILLES D'EAU LATERAL
 (71) **MORRIS, Matthew** [US/US]; 1634 Berkeley Street, Santa Monica, CA 90404 (US).
 (71, 72) **BROKERING, Christopher** [US/US]; 1634 Berkeley Street, Santa Monica, CA 90404 (US).
 (74) **MARESH, Catherine, C.;** Haugen and Nikolai, P.A., 900 Second Avenue South #820, Minneapolis, MN 55402 (US).
 (81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41440** (13) A1
 (21) PCT/FR98/00525
 (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) fr (26) fr
 (31) 97/03373 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **B62J 9/00, 23/00, 35/00**
 (54) ● REMOVABLE COVER FOR MOTORCYCLE FUEL TANK

- HABILAGE AMOVIBLE POUR RESERVOIR DE MOTO

(71, 72) **MOILLO, Yves** [FR/FR]; 8, rue Renan, F-69007 Lyon (FR).

(74) **THIBAUT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean-Jaurès, Boîte postale 7073, F-69301 Lyon Cedex 07 (FR).

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

Published / Publiée : (c)

(11) **WO 98/41441** (13) A1

(21) PCT/US98/05089

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/819,165 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B62M 1/02**

(54) ● IMPROVED PEDALING MECHANISM FOR BICYCLES AND THE LIKE
● PEDALIER AMELIORE POUR BICYCLETES OU AUTRES MECANISMES

(63) US 08/819,165 (CIP)
17 Mar/mar 1997 (17.03.1997)

(71, 72) **DAY, Franklin, J.** [US/US]; 365 Pimlico Drive, Walnut Creek, CA 94596 (US).

(74) **HASLETT, Donald, B.** et al. / etc.; Chernoff, Vilhauer, McClung & Stenzel, L.L.P., 600 Benj. Franklin Plaza, One S.W. Columbia, Portland, OR 97258 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41442** (13) A1

(21) PCT/US97/04780

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63B 1/12**

(54) ● MULTIHEAD AIR CUSHIONED MARINE VEHICLE
● VEHICULE MARIN MULTICOQUE SUR COUSSINS D'AIR

(71, 72) **BURG, Donald, E.** [US/US]; 15840 S.W. 84th Avenue, Miami, FL 33157 (US).

(74) **VAN DER WALL, Robert, J.**; Suite 4600, 200 S. Biscayne Boulevard, Miami, FL 33131 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41443** (13) A1

(21) PCT/FI97/00699

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fi (26) en

(31) U970138 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63B 21/00, 21/54**

(54) ● BUOY HOOK
● CROCHET DE BOUEE

(71, 72) **KARLSSON, Ralf** [FI/FI]; Rättiläinkatu 15 E 13, FIN-20810 Turku (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41444** (13) A1

(21) PCT/NO98/00079

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 971176 (32) **14 Mar/mar 1997 (14.03.1997)** (33) NO

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63B 22/02**

(54) ● DEVICE BY SHIP FOR PRODUCTION/TEST PRODUCTION OF OIL/GAS FROM A FIELD BELOW SEABED LEVEL
● DISPOSITIF MONTE SUR BATEAU ET DESTINE A LA PRODUCTION/PRODUCTION D'ESSAI DE PETROLE/GAZ A PARTIR D'UN GISEMENT SITUE SOUS LES FONDS MARINS

(71) **HITEC ASA** [NO/NO]; P.O. Box 178, N-4033 Forus (NO). **PGS OFFSHORE TECHNOLOGY AS** [NO/NO]; Strandveien 4, N-1324 Lysaker (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BØRSETH, Knut, Erik** [NO/NO]; Valhalla-veien 85, N-1413 Tårnåsen (NO). **SMEDAL, Arne** [NO/NO]; Torjusholmen, N-4818 Færvik (NO).

(74) **HÅMSØ, Borge** et al. / etc.; Håmsø Patentbyrå Ans, P.O. Box 171, N-4301 Sandnes (NO).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41445** (13) A1

(21) PCT/DE98/00695

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 10 692.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63G 13/02, F41H 3/00**

(54) ● METHOD FOR INFRARED CAMOUFLAGE AND INFRARED REFLECTOR
● PROCEDE DE CAMOUFLAGE REDUISANT LA SIGNATURE INFRAROUGE, ET REFLECTEUR D'INFRAROUGES

(71) **DORNIER GMBH** [DE/DE]; D-88039 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHERBER, Werner** [DE/DE]; Unterer Höhenweg 22, D-88697 Bermatingen (DE). **LEUPOLZ, Andreas** [DE/DE]; Rathausweg 24, D-88263 Horgenzell (DE).

(74) **MEEL, Thomas**; Dornier GmbH, LHG, D-88039 Friedrichshafen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41446** (13) A1

(21) PCT/EP98/01514

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) PD97A000057 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63H 9/08**

(54) ● SLIDING BLOCK FOR MAINSAIL
● COULISSEAU DE GRAND-VOILE

(71) **HALSEY ITALIA S.R.L.** [IT/IT]; Via dell'Agricoltura, 46, I-37012 Bussolengo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE LUCA, Claudio** [IT/IT]; Strada dei Monti, 13, I-37025 Verona (IT). **RIGHI, Umberto** [IT/IT]; Via del Fortino, 7/A, I-37138 Verona (IT).

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

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41447** (13) A1

(21) PCT/US98/04177

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 08/818,970 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B63H 23/06, 23/08**

(54) ● MARINE AUXILIARY POWER SUPPLY SYSTEM
● SYSTEME MARIN AUXILIAIRE D'ALIMENTATION EN ENERGIE

(63) US 08/818,970 (CON) 14 Mar/mar 1997 (14.03.1997)

(71) **WESTERBEKE CORPORATION** [US/US]; Avon Industrial Park, Avon, MA 02322 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESTERBEKE, John, H., Jr.** [US/US]; 108 Ridgewood Road, Milton, MA 02186 (US). **ZIEGLER, Edward, J.** [US/US]; 3817 Stonewall Road, Jackson, MI 49203 (US).

(74) **WINCHESTER, Charles, C.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41448** (13) A1

(21) PCT/GB98/00816

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705690.7 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B64F 1/20, H05B 33/00**

(54) ● PORTABLE ELECTROLUMINESCENT HELICOPTER LANDING PAD
● SUPPORT D'ATTERRISSAGE PORTABLE, ELECTROLUMINESCENT, POUR HELICOPTERE

(71) **MINIFLAME LIMITED** [GB/GB]; Selectron House, Springhead Enterprise Park, Gravesend, Kent DA11 8HD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATSON, Peter, Matthew** [GB/GB]; Reynolds Farm, Luddesdown, Gravesend, Kent DA13 0XB (GB). **HUCK, Lennox, Mark** [GB/GB]; 30 Linden Road, Gillingham, Kent ME7 2PH (GB).

(74) **JONES, Graham, Henry**; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).

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

(11) **WO 98/41449** (13) A1

(21) PCT/IT98/00062

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) BO97A000161 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65B 31/00**

(54) ● APPARATUS FOR REFILLING AEROSOL CONTAINERS
● DISPOSITIF POUR REMPLIR DES RESERVOIRS D'AEROSOLS

(71, 72) **CORONA, Monica** [IT/IT]; Via Giorgio Chavez, 4, I-20131 Milano (IT).

(72, 75) **SELLERI, Giancarlo** [IT/IT]; Via Altopiano Marconi, 90, I-40044 Sasso Marconi (IT).

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

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

(11) **WO 98/41450** (13) A1

(21) PCT/FI98/00136

(22) **13 Feb/fév 1998 (13.02.1998)**

(25) fi (26) en

(31) 971064 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65B 41/18, 57/04, 11/04, 11/58 // A01F 15/00**

(54) ● A CONTROL SYSTEM FOR A ROUND BALE WRAPPER IN AGRICULTURAL USE
● SYSTEME DE COMMANDE POUR UNITE D'EMBALLAGE DE BALLES RONDES, UTILISE EN AGRICULTURE

(71) **OY ELHO AB** [FI/FI]; Industrivägen 6, FIN-68910 Bennäs (FI).

(72) **MYLLYMÄKI, Jari**; Ylipääntie 340 A, FIN-68640 Savonkylä (FI). **HÄGGBLÖM, Karl-Erik**; Plogstigen 9, FIN-67600 Karleby (FI).

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

(11) **WO 98/41451** (13) A1

(21) PCT/IB98/00348

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) BO97A000154 (32) **18 Mar/mar 1997 (18.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65B 59/04**

(54) ● APPARATUS FOR PRINTING, CUTTING, CROPPING OF BLISTER PACKS OBTAINED FROM A BLISTER BAND

● APPAREIL A IMPRIMER, DECOUPER ET ROGNER LES BLISTERS D'UNE BANDE DE BLISTERS

(71) **I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.** [IT/IT]; Via Emilia, 428-442, I-40064 Ozzano Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMARANTI, Alessandro** [IT/IT]; Via Conventino, 687, I-40024 Castel S. Pietro Terme (IT). **ALESSANDRI, Alessandro** [IT/IT]; Via Stagni, 5, I-40050 Funo Di Argelato (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Via delle Armi, 1, I-40137 Bologna (IT).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41452** (13) A1

(21) PCT/EP98/01476

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) MI97A000580 (32) **14 Mar/mar 1997 (14.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 5/74, 51/22, 55/02**

(54) ● RECLOSABLE OPENING DEVICE FOR PACKAGES FOR POURABLE FOOD PRODUCTS

● DISPOSITIF D'OUVERTURE REFERMABLE POUR CONDITIONNEMENTS DE PRODUITS ALIMENTAIRES VERSABLES

(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) **EK, Göran** [SE/SE]; Vastergatan 40, S-275 33 Sjöbo (SE). **TROIANO, Antonio** [IT/IT]; Via Mascagni, 94, I-41100 Modena (IT).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

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

Published / Publiée : (c)

(11) **WO 98/41453** (13) A1

(21) PCT/US97/16889

(22) **19 Sep/sep 1997 (19.09.1997)**

(25) en (26) en

(31) 29/068,205 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) 29/070,776 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 08/921,153 (32) **29 Aug/août 1997** (33) US
(29.08.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 21/02, 21/04**

(54) ● NESTABLE DISPLAY CRATE FOR BOTTLE CARRIERS

● CAISSE PRESENTOIR EMBOTABLE A CLAIRE-VOIE POUR PANIER BOUTEILLES

(71) **REHRIG PACIFIC COMPANY, INC.** [US/US]; 4010 East 26th Street, Los Angeles, CA 90023 (US).

(72) **APPS, William, P.**; 225 Lake Heights Drive, Alpharetta, GA 30202 (US).

(74) **POTENZA, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41454** (13) A1

(21) PCT/FI98/00210

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) fi (26) en

(31) 971130 (32) **18 Mar/mar 1997** (33) FI
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 30/24, 65/46, 33/18, 30/26**

(54) ● VALVE SACK

● SAC A VALVE

(71) **UPM-KYMMENE OY** [FI/FI]; Snellmaninkatu 13, P.O. Box 203, FIN-00271 Helsinki (FI).

(72) **HEITANUMMI, Mikko**; Viestroom 18, NL-1826 AH Aikmaar (NL). **SIEVERS, Valter**; Mottimientie 12, FIN-37640 Valkeakoski (FI). **SANTAMÄKI, Kimmo**; Lumparlankatu 2C 58, FIN-21200 Raisio (FI). **NURMI, Kari**; Valopolku 1, FIN-21200 Raisio (FI).

(74) **GUSTAFSSON, Helmer**; UPM-Kymmene Oy, P.O. Box 40, FIN-37601 Valkeakoski (FI).

(81) CZ HU SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41455** (13) A1

(21) PCT/NL98/00124

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) nl (26) en

(31) 1005534 (32) **14 Mar/mar 1997** (33) NL
(14.03.1997)

(31) 1007836 (32) **18 Dec/déc 1997** (33) NL
(18.12.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 65/38, 81/107**

(54) ● PACKAGING ASSEMBLY

● ENSEMBLE EMBALLAGE

(71) **BESIN B.V.** [NL/NL]; Herderlaan 4, NL-3851 BD Ermelo (NL).

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

(72, 75) **NAUTA, Auke, Johannes** [NL/NL]; Besin B.V., Herderlaan 4, NL-3851 BD Ermelo (NL). **DIDERICH, Johannes, Philippus, Ludovicus, Maria** [NL/NL]; Besin B.V., Herderlaan 4, NL-3851 BD Ermelo (NL).

(74) **FERGUSON, Alexander**; Octrooibureau Vriensendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

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

(11) **WO 98/41456** (13) A1

(21) PCT/NL98/00156

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) nl (26) en

(31) 1005568 (32) **18 Mar/mar 1997** (33) NL
(18.03.1997)

(31) 1006385 (32) **24 Jun/juin 1997** (33) NL
(24.06.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 75/36, B65B 47/10, 11/50, B29C 51/34**

(54) ● PACKAGING, MANUFACTURING DEVICE AND FILLING DEVICE THEREFOR

● EMBALLAGE, DISPOSITIF DE FABRICATION ET DISPOSITIF DE REMPLISSAGE DE CELUI-CI

(71) **V.O.F. DE INPAKCENTRALE** [NL/NL]; Gerben Oswaldstraat 71, NL-8861 TW Harlingen (NL).

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

(72, 75) **DEKKERS, Louis, Bernard** [NL/NL]; Rembrandtlaan 1, NL-1761 WS Anna-Paulowna (NL).

(74) **T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

(11) **WO 98/41457** (13) A1

(21) PCT/US98/04816

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/819,889 (32) **18 Mar/mar 1997** (33) US
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 77/20, 77/04**

(54) ● A FOOD PACKAGE INCLUDING A TRAY AND A SLEEVE

● EMBALLAGE ALIMENTAIRE A BARQUETTE ET MANCHON

(71) **GICS & VERMEE, L.P.** [US/US]; Suite 101B, 409 Broad Street, Sewickley, PA 15143 (US).

(72) **GICS, Paul, W.**; 92 Merriman Road, Sewickley Heights, PA 15143 (US).

(74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41458** (13) A1

(21) PCT/BE98/00035

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705455.5 (32) **17 Mar/mar 1997** (33) GB
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65D 81/32, A61J 1/00**

(54) ● MULTI-COMPARTMENT REHYDRATING CONTAINER

● CONTENANT A PLUSIEURS COMPARTIMENTS POUR REHYDRATATION

(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) **MARSHALL, Colin** [GB/GB]; "Sebastian" Plaskets Lane, Wigton, Cumbria CA7 9ES (GB).

(74) **DEBLED, Thierry**; Rue d'Anderlecht 33, B-1620 Drogenbos (BE).

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

(11) **WO 98/41459** (13) A2

(21) PCT/US98/05339

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 039,338 (32) **18 Mar/mar 1997** (33) US
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65G**

(54) ● REUSABLE AXLE ASSEMBLY AND REPLACEABLE ROLLER SLEEVE FOR A CONVEYOR ROLLER

● ENSEMBLE AXE REUTILISABLE ET MANCHON DE ROULEAU REMPLAÇABLE POUR ROULEAU DE CONVOYEUR

(71, 72) **SCHIERING, William, C.** [US/US]; 225 Morgan Way #43, Harrison, OH 45030 (US).

(74) **ROBINSON, Ann, G.** et al. / etc.; Frost & Jacobs, 2500 PNC Center, 201 East Fifth Street, Cincinnati, OH 45202 (US).

(81) AU CA CN MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41460** (13) A1

(21) PCT/ES98/00059

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) es (26) es

(31) U 9700667 (32) **14 Mar/mar 1997 (14.03.1997)** (33) ES

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65G 15/42**

(54) ● CONVEYOR BELT APPLICABLE TO THE FOOD INDUSTRY
● BANDE TRANSPORTEUSE DESTINEE A L'INDUSTRIE ALIMENTAIRE

(71, 72) **BELTRAN HERNANDEZ, Alfonso** [ES/ES]; Calle Asunción, 26, 1^o, E-30500 Molina de Segura (ES).

(81) BR CA CN IL JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41461** (13) A1

(21) PCT/FI98/00215

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 971109 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65G 47/34**

(54) ● STOPPER/PUSHER FOR HANDLING PAPER ROLLS
● DISPOSITIF BUTOIR/POUSSOIR POUR MANIPULER LES ROULEAUX DE PAPIERS

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILLO, Mauri** [FI/FI]; Kallentie 15 B 11, FIN-12240 Hikiä (FI).

(74) **LAINE, Seppo** et al. / etc.; Seppo Laine Oy, Lönnrotinkatu 19 A, FIN-00120 Helsinki (FI).

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

(11) **WO 98/41462** (13) A1

(21) PCT/EP98/00153

(22) **13 Jan/jan 1998 (13.01.1998)**

(25) de (26) de

(31) 197 10 790.7 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65G 54/02**

(54) ● DRIVING DEVICE

● DISPOSITIF D'ENTRAINEMENT

(71) **FESTO AG & CO.** [DE/DE]; Rüter Strasse 82, D-73734 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOLL, Kurt** [DE/DE]; Lenzhalde 72, D-73732 Esslingen (DE). **MAICHL, Martin** [DE/DE]; Mörikestrasse 20, D-73084 Salach (DE). **HASLINGER, Maximilian** [DE/DE]; Löwenstrasse 74/2, D-70597 Stuttgart (DE). **Reininger, Thomas** [DE/DE]; Paulinenstrasse 17, D-73249 Wernau (DE).

(74) **REIMOLD, Otto** et al. / etc.; Hölderlinweg 58, D-73728 Esslingen (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41463** (13) A2

(21) PCT/IB98/00349

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) BO97A000152 (32) **18 Mar/mar 1997 (18.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65H 19/00**

(54) ● APPARATUS FOR FEEDING A FILM OF HEAT-FORMABLE MATERIAL TO A MACHINE FOR PACKAGING ARTICLES IN BLISTER PACKS OR THE LIKE

● APPAREIL ALIMENTANT EN FILM THERMOFORMABLE UNE EMBALLEUSE SOUS BLISTER OU ANALOGUE DES ARTICLES

(71) **I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.** [IT/IT]; Via Emilia, 428-442, I-40064 Ozzano Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMARANTI, Alessandro** [IT/IT]; Via Conventino, 687, I-40024 Castel S. Pietro Terme (IT). **ALESSANDRI, Alessandro** [IT/IT]; Via Stagni, 5, I-40050 Funo Di Argelato (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Via delle Armi, 1, I-40137 Bologna (IT).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41464** (13) A1

(21) PCT/IB98/00376

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) BO97A000155 (32) **18 Mar/mar 1997 (18.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65H 19/18, 16/02, 19/10, 23/02, 23/032**

(54) ● APPARATUS FOR SUPPLYING THE SEALING FILM FOR A BLISTER BAND

● DEBITEUR DE FILM DE RECOUVREMENT POUR BANDE DE BLISTERS

(71) **I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.** [IT/IT]; Via Emilia, 428-442, I-40064 Ozzano Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMARANTI, Alessandro** [IT/IT]; Via Conventino, 687, I-40024 Castel S. Pietro Terme (IT). **ALESSANDRI, Alessandro** [IT/IT]; Via Stagni, 5, I-40050 Funo di Argelato (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Via delle Armi, 1, I-40137 Bologna (IT).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41465** (13) A1

(21) PCT/EP98/01342

(22) **7 Mar/mar 1998 (07.03.1998)**

(25) de (26) de

(31) 197 11 406.7 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65H 31/10**

(54) ● DEVICE FOR STACKING SHEETS, IN PARTICULAR SHEET-FED PAPER OR CARDBOARD SHEETS DELIVERED ONTO PALLETS

● DISPOSITIF D'EMPLIAGE DE FEUILLES, EN PARTICULIER DE FEUILLES DE PAPIER OU DE CARTON TRANSPORTEES SUR DES PALETTES PAR UN SYSTEME A LAMELLES

(71) **JAGENBERG PAPIERTECHNIK GMBH** [DE/DE]; Jagenbergstrasse 1, D-41468 Neuss (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOSS, Peter** [DE/DE]; Riekestrasse 34, D-41363 Jüchen (DE). **CLAASSEN, Ernst** [DE/DE]; Gartenstrasse 128, D-47574 Goch (DE).

(74) **THUL, Hermann**; Zentrale Patentabteilung, Jagenberg Aktiengesellschaft, Kennedydamm 17, D-40476 Düsseldorf (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41466** (13) A1

(21) PCT/ES97/00070

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) es (26) es

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **B65H 63/00, G01N 21/89**

(54) ● METHOD FOR INSPECTING SPINNING BOBBINS, AND SYSTEM FOR IMPLEMENTING SUCH METHOD

● PROCEDE D'INSPECTION DE BOBINES DE FILATURE ET SYSTEME PERMETTANT SA MISE EN OEUVRE

(71) **COGNIVISION RESEARCH, SL** [ES/ES]; Calle Valencia, 93 Pral. 1^o, E-08029 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LLORENS CASTELLO, Antoni** [ES/ES]; Passeig Sant Gervasi, 50, 3^{er}, 4^o, E-08022 Barcelona (ES). **SANFELIU CORTES, Albert** [ES/ES]; Brusi, 19 Letra A, E-08006 Barcelona (ES).

(74) **MANRESA VAL, Manuel**; Girona, 34, E-08010 Barcelona (ES).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41467** (13) A1
(21) PCT/JP97/00877
(22) **18 Mar/mar 1997 (18.03.1997)**
(25) ja (26) ja
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B66B 1/28, 11/08, H02K 7/14**
(54) ● WINDING DEVICE FOR ELEVATOR
● DISPOSITIF D'ENROULEMENT POUR ELEVATEUR
(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TAUCHI, Shigeaki** [JP/JP]; Meitec Corporation, 20, Koseidori 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP). **TANAHASHI, Toru** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).
(81) CN FI JP KR US; EP (DE FI FR GB NL).

Published / Publiée : (b)

- (11) **WO 98/41468** (13) A1
(21) PCT/JP98/01113
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) ja (26) ja
(31) 9/64659 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B66B 1/30, 1/36**
(54) ● DEVICE FOR CONTROLLING SPEED OF ELEVATOR AND SPEED CONTROL METHOD
● DISPOSITIF POUR REGULARISER LA VITESSE D'UN ASCENSEUR ET PROCEDE DE REGULARISATION DE VITESSE
(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) **RYU, Hidetoshi** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). **HARADA, Takashi** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). **SHIGEOKA, Katsuya** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).
(74) **WAKABAYASHI, Tadashi** et al. / etc.; 16th Kowa Building, 8th floor, 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
(81) CN JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41469** (13) A1
(21) PCT/JP97/00911
(22) **19 Mar/mar 1997 (19.03.1997)**
(25) ja (26) ja
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B66C 19/00, 5/00, B65G 63/00**

- (54) ● LOADER USING CRANE
● CHARGEUR A GRUE
(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HIRATA, Mituo** [JP/JP]; 1781-4, Nishitoyoi, Kudamatu-shi, Yamaguchi 744 (JP).
(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
(81) AU CA CN JP KR US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41470** (13) A1
(21) PCT/US98/02320
(22) **25 Feb/fév 1998 (25.02.1998)**
(25) en (26) en
(31) 08/818,259 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B67D 5/04, 5/32**
(54) ● DEVICE AND METHOD FOR MONITORING A FUEL VAPOUR RECOVERING SYSTEM
● SURVEILLANCE DES FLUX DE VAPEUR D'UN SYSTEME DE RECUPERATION DE VAPEURS DE CARBURANT
(71) **HEALY SYSTEMS, INC.** [US/US]; 17 Hampshire Drive, Hudson, NH 03051 (US).
(72) **HEALY, James, W.**; 17 Hampshire Drive, Hudson, NH 03051 (US).
(74) **FRENCH, Timothy, A.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
(81) AT AU CA CZ JP MX NZ PL RO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41471** (13) A1
(21) PCT/NO98/00081
(22) **11 Mar/mar 1998 (11.03.1998)**
(25) en (26) en
(31) 08/818,238 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **B67D 5/37, G09F 23/00**
(54) ● FLUID FILLER GUN DISPLAY DEVICE HAVING A PLACARD
● DISPOSITIF D'AFFICHAGE DESTINE A UN PISTOLET DE REMPLISSAGE DE FLUIDE ET POURVU D'UNE PLAQUE
(71) **ALVERN ASA** [NO/NO]; Bygdøy Allè 3, N-0257 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ALVERN, Stein** [NO/US]; 5131 Bayou Timber, Houston, TX 77056 (US).
(74) **LANGFELDT, Jens, F., C.**; Bryns Patentkontor a/s, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

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

- (11) **WO 98/41472** (13) A1
(21) PCT/US97/04379
(22) **19 Mar/mar 1997 (19.03.1997)**
(25) en (26) en
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C01C 1/24, 1/245, C01F 11/46**
(54) ● AMMONIUM SULFATE PRODUCED FROM FLUE-GAS SCRUBBER LIQUOR
● SULFATE D'AMMONIUM PRODUIT A PARTIR DU LIQUIDE DE LAVAGE D'UN PURIFICATEUR DE GAZ EFFLUENTS
(63) US 08/516,346 (CIP) 11 Aug/août 1995 (11.08.1995)
(71) **THE ARIZONA BOARD OF REGENTS on behalf of THE UNIVERSITY OF ARIZONA** [US/US]; Tucson, AZ 85721 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **RANDOLPH, Alan, D.** [US/US]; 2131 N. Rainbow Vista, Tucson, AZ 85712 (US). **MUKHOPADHYAY, Sudarsan** [IN/US]; 3636 N. Campbell Avenue #H8, Tucson, AZ 85719 (US). **KWON, Taeg, M.** [KR/KR]; Yong 5A Nxuxu, Dongbui Chondong, Hanshin, Apt. 421, Seoul 140-133 (KR).
(74) **DURANDO, Antonio, R.**; 2929 E. Broadway Boulevard, Tucson, AZ 85716 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41473** (13) A1
(21) PCT/US98/05122
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 08/816,812 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C01D 9/04, C01G 1/02, 51/04, 53/04**
(54) ● IMPROVED ELECTRODE MATERIAL FOR AN ELECTROCHEMICAL CELL AND METHOD OF MAKING SAME
● MATERIAU A ELECTRODES AMELIORE POUR CELLULE ELECTROCHIMIQUE ET PROCEDE DE FABRICATION ASSOCIE
(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) **MAO, Zhenhua**; 1035 Brookstead Chase, Duluth, GA 30155 (US).
(74) **SCUTCH, Frank, M., III** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41474** (13) A1

(21) PCT/CA98/00179

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 08/819,830 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C01F 5/30, B22D 17/30, 39/00, 43/00, C25C 3/04, B01D 35/26**

- (54) ● REMOVAL OF SOLID PARTICLES FROM MAGNESIUM CHLORIDE ELECTROLYTE AND MOLTEN MAGNESIUM BY FILTRATION
● EXTRACTION PAR FILTRATION DE PARTICULES SOLIDES D'UN ELECTROLYTE DE CHLORURE DE MAGNESIUM OU DE MAGNESIUM FONDU

(71) **NORANDA INC.** [CA/CA]; BCE Place, Suite 4100, 181 Bay Street, Toronto, Ontario M5J 2T3 (CA).

(72) **CELIK, Cesur**; 183 Radisson Crescent, Pointe-Claire, Quebec H9R 5V2 (CA). **FI-CARA, Pasquale**; 777 de la Noue #308, Verdun, Quebec H3E 1V2 (CA). **LAROCHE, Daniel**; 84 East View, Pointe-Claire, Quebec H9R 5N7 (CA).

(74) **NADEAU, François**; Noranda Technology Centre, 240 Hymus Boulevard, Pointe-Claire, Quebec H9R 1G5 (CA).

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

(11) **WO 98/41475** (13) A1

(21) PCT/FI98/00244

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) fi (26) en

(31) 971161 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C01F 11/18**

- (54) ● APPARATUS AND PROCESS FOR THE PREPARATION OF PRECIPITATED CALCIUM CARBONATE
● APPAREIL ET PROCÉDE DE PRÉPARATION DE CARBONATE DE CALCIUM PRÉCIPITÉ

(71) **KAUTAR OY** [FI/FI]; T-linja 38 A, FIN-37800 Toijala (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIRTANEN, Pentti** [FI/FI]; T-linja 38 A, FIN-37800 Toijala (FI).

(74) **LAINNE, Seppo** et al. / etc.; Seppo Laine Oy, Lönnrotinkatu 19 A, FIN-00120 Helsinki (FI).

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

(11) **WO 98/41476** (13) A1

(21) PCT/US98/04724

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 60/040,564 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C01G 45/00, 51/00, 53/00, H01M 4/48**

- (54) ● LITHIATED METAL OXIDES
● OXYDES DE METAL AU LITHIUM

(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) **KUMTA, Prashant, N.** [IN/US]; 4 Bayard Road #62, Pittsburgh, PA 15213 (US). **WAGH-RAY, Akshay** [IN/US]; 50736 Birkdale Court, Granger, IN 46530 (US). **SRIRAM, Mandyam, A.** [IN/US]; 365 S. Atlantic Avenue #3, Pittsburgh, PA 15224 (US).

(74) **WELSH, Robert, W.**; Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 45077, Westlake, OH 44145 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41477** (13) A1

(21) PCT/RU97/00337

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) ru (26) ru

(31) 97103744 (32) **19 Mar/mar 1997 (19.03.1997)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C02F 1/46, 1/28, 1/58, 1/62, C25B 9/00**

- (54) ● PROCESS FOR THE ELECTROCHEMICALLY CONTROLLED ABSORPTION OF SOLUBLE ORGANIC SUBSTANCES AND OF HEAVY METAL IONS EXTRACTED FROM AQUEOUS SOLUTIONS, AND CORRESPONDING APPARATUS
● PROCÉDE D'ADSORPTION ELECTROCHIMIQUEMENT CONTRÔLÉE DE SUBSTANCES ORGANIQUES SOLUBLES ET D'IONS DE MÉTAUX LOURDS EXTRAITS DE SOLUTIONS AQUEUSES, ET DISPOSITIF

(71) **WESTERN PACIFIC COMPANY, INC. LTD.** [RU/RU]; ul. 800-letiya Moskvyy, 4-2, Ofis Pravleniya, Moscow, 127247 (RU).

(72) **NAIDA, Nikolai Nikolaevich**; 8 ul. Sokolinoi Gory, 8-1-186, Moscow, 105275 (RU). **GOLDIN, Mark Mikhailovich**; 1 Rizhsky per., 2-3-11, Moscow, 129626 (RU).

(74) **FEDOTOVA, Margarita Sergeevna**; Patent Bureau "Volnik", Gorohovskiy per., 8-62, Moscow, 103064 (RU).

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

(11) **WO 98/41478** (13) A1

(21) PCT/GB98/00740

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 9705349.0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(31) 60/041,198 (32) **25 Mar/mar 1997 (25.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C02F 9/00, 1/66, 1/72, 1/44, 1/04, 3/02, 3/28, C07C 51/487, 63/26, 63/24**

- (54) ● TREATMENT OF EFFLUENT STREAMS CONTAINING ORGANIC ACIDS
● TRAITEMENT D'EFFLUENT INDUSTRIEL CONTENANT DES ACIDES ORGANIQUES

(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) **JEFFERY, Ian, Charles** [GB/GB]; 5 Sandmartin Lane, Norton, Stockton-on-Tees, Cleveland TS20 1LP (GB). **JACKSON, Christopher, Howard** [GB/GB]; 15 Bentley Wynd, Yarm, Cleveland TS15 9BS (GB).

(74) **JONES, A., J.**; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

(11) **WO 98/41479** (13) A1

(21) PCT/SE98/00444

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9700917-9 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C02F 11/00**

- (54) ● A METHOD FOR TREATING SLUDGE FROM WASTEWATER TREATMENT
● PROCÉDE DE TRAITEMENT DES BOUES RESULTANT D'UN TRAITEMENT DES EAUX DE DÉCHARGE

(71) **KEMIRA KEMI AB** [SE/SE]; P.O. Box 902, S-251 09 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Bengt** [SE/SE]; Fridasgata 126, S-256 54 (SE). **JOKINEN, Simo** [FI/FI]; Sorsatie 19 B, FIN-90150 Oulu (FI).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41480** (13) A1

(21) PCT/US98/04785

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 60/040,566 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 08/899,257 (32) **23 Jul/juil 1997 (23.07.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 17/245, 17/25, 17/34**

(54) ● PHOTOCATALYTICALLY-ACTIVATED SELF-CLEANING ARTICLE AND METHOD OF MAKING SAME

● ARTICLE AUTO-NETTOYANT A ACTIVATION PHOTOCATALYTIQUE ET SON PROCEDE DE PRODUCTION

(71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).

(72) **GREENBERG, Charles, B.**; 3268 Windgate Drive, Murrysville, PA 15668 (US). **HARRIS, Caroline, S.**; 921 Farragut Street, Pittsburgh, PA 15206 (US). **KORTHUIS, Vincent**; 6900 Aimpoint Drive, Plano, TX 75023 (US). **KUTILEK, Luke, A.**; 528 Ninth Street, Oakmont, PA 15139 (US). **SINGLETON, David, E.**; 1535 Route 908, Natrona Heights, PA 15065 (US). **SZANYI, Janos**; 305 3rd Street, Oakmont, PA 15139 (US). **THIEL, James, P.**; Apartment 6A, 5523 Ellsworth, Pittsburgh, PA 15232 (US).

(74) **LEPIANE, Donald, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

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

(11) **WO 98/41481** (13) A1

(21) PCT/JP98/01052

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/60894 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 17/25, C09D 1/00**

(54) ● COMPOSITION FOR FORMING COLORED COATING AND PROCESS FOR PRODUCING

GLASS ARTICLE COATED WITH COLORED COATING

● COMPOSITION PERMETTANT DE FORMER UN REVETEMENT COLORE ET PROCEDE DE PRODUCTION D'UN ARTICLE EN VERRE POURVU DUDIT REVETEMENT COLORE

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka-fu 541-0045 (JP).

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

(72, 75) **KAWAZU, Mitsuhiro** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka-fu 541-0045 (JP). **KINUGAWA, Katuhiko** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka-fu 541-0045 (JP). **MIYAUCHI, Taro** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka-fu 541-0045 (JP). **MAEDA, Koichi** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka-fu 541-0045 (JP).

(74) **MATSUNAGA, Takayoshi**; Saiwai Building, 13-5, Hatchobori 4-chome, Chuo-ku, Tokyo 104-0032 (JP).

(81) AU US; EP (BE DE FR GB IT).

(11) **WO 98/41482** (13) A1

(21) PCT/US98/04784

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 60/040,565 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 08/899,265 (32) **23 Jul/juil 1997 (23.07.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 17/25, 17/245, 17/34**

(54) ● PHOTOCATALYTICALLY-ACTIVATED SELF-CLEANING APPLIANCES

● APPAREILS AUTO-NETTOYANTS A ACTIVATION PHOTOCATALYTIQUE

(71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).

(72) **GREENBERG, Charles, B.**; 3268 Windgate Drive, Murrysville, PA 15668 (US).

(74) **LEPIANE, Donald, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

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

Published / Publiée : (c)

(11) **WO 98/41483** (13) A1

(21) PCT/NL97/00135

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 25/02, G02B 6/44**

(54) ● LIQUID CURABLE RESIN COMPOSITION FOR FAT FIBRE

● COMPOSITION DE RESINE LIQUIDE DURCISSABLE DESTINEE A UNE GROSSE FIBRE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). **JAPAN SYNTHETIC RUBBER CO., LTD.** [JP/JP]; JSR Building, 2-11-24, Tsukiji, Chuo-ku, Tokyo 104 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGIMOTO, Masanobu** [JP/JP]; 3-24-5, Ninomiya, Tsukuba City 305 (JP). **YAMAGUCHI, Yoshikazu** [JP/JP]; 3-3-1, Namiki, Tsukuba City 305 (JP). **KOMIYA, Zen** [JP/JP]; 3-18-33 Umezono, Tsukuba City 305 (JP). **UKACHI, Takashi** [JP/JP]; 5-22-9 Kamiya, Ushiku City 300-12 (JP).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AU CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41484** (13) A1

(21) PCT/NL98/00157

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,132 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 25/02**

(54) ● METHOD FOR CURING OPTICAL FIBER COATINGS AND INKS BY LOW POWER ELECTRON BEAM RADIATION

● PROCEDE DE DURCISSEMENT DE REVE-TEMENTS ET D'ENCRES POUR FIBRES OPTIQUES AU MOYEN D'UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE FAIBLE PUISSANCE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) **VANDEBERG, John, Thomas**; 415 West Oakwood Drive, Barrington, IL 60010 (US). **KRONGAUZ, Vadim, Valerie**; 1031 Knollwood Road, Barlett, IL 60010 (US).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41485** (13) A1

(21) PCT/US98/04190

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/818,536 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C03C 25/02, B05C 1/00**

(54) ● APPARATUS FOR APPLYING A SIZING COMPOSITION TO GLASS FIBERS

● APPAREIL POUR L'APPLICATION D'UNE COMPOSITION D'ENCOLLAGE SUR DES FIBRES DE VERRE

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).

(72) **STREETS, Arlo, F.**; 909 Madison Avenue, Lancaster, OH 43130 (US). **MATTESON, Thomas, Orin**; 13060 Wellesley Drive N.W., Pickerington, OH 43147 (US). **FLAUTT, Martin, Charles**; 230 Knoll Drive S.W., Granville, OH 43023 (US).

(74) **ECKERT, Inger, H.** et al. / etc.; Owens Corning Science & Technology Center, Building 54-1, 2790 Columbus Road, Granville, OH 43023-1200 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41486** (13) A1

(21) PCT/US98/03802

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,744 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C04B 35/536, 20/06**

(54) ● FLEXIBLE GRAPHITE COMPOSITE SHEET AND METHOD

● FEUILLE COMPOSITE DE GRAPHITE FLEXIBLE ET PROCEDE DE PRODUCTION

(71) **UCAR CARBON TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817 (US).

(72) **MERCURI, Robert, Angelo**; 1007 East Decker Drive, Seven Hills, OH 44131 (US).

(74) **HALE, John, S.**; 6667-B Old Dominion Drive, McLean, VA 22101 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41487** (13) A1

(21) PCT/FR98/00413

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) fr (26) fr

(31) 97/03127 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C04B 35/66, C21B 7/12**

(54) ● CARBON-CONTAINING REFRACTORY TAP HOLE CLAY COMPOSITION

● COMPOSITION DE MASSE REFRACTAIRE CARBONEE

(71) **SOCIETE DES TERRES REFRACTAIRES DU BOULONNAIS** [FR/FR]; Nesles, Boîte postale 9, F-62152 Neufchâteau Hardelot (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMBERT, Fabienne** [FR/FR]; 67, rue des Pipots, F-62200 Boulogne sur Mer (FR). **RUER, Corinne** [FR/FR]; 38, route de Saint Omer, F-62280 Saint Martin Les Boulogne (FR). **BONNAMY, Sylvie** [FR/FR]; 113, rue Gustave

Flaubert, F-45100 Orléans (FR). **HUBERT, Pascal** [FR/FR]; 7, rue Marcel Pagnol, F-62152 Neufchâteau Hardelot (FR). **ROUZAUD, Jean-Noël** [FR/FR]; 17, rue de Commandant Poli, F-45000 Orléans (FR).

(74) **ARMENGAUD, Alain** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, F-75116 Paris (FR).

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

(11) **WO 98/41488** (13) A1

(21) PCT/US98/04561

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 97105038 (32) **19 Mar/mar 1997 (19.03.1997)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C04B 35/83**

(54) ● A FAST PROCESS FOR THE PRODUCTION OF FIBER PREFORMS

● PROCEDE RAPIDE DE PRODUCTION DE PREFORMES FIBREUSES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(72, 75) **PENKOV, Igor Alexandrovich** [RU/RU]; Apartment 325, Berezhkovskaya emb., 12, Moscow, 121059 (RU). **KOSTIKOV, Valery Ivanovich** [RU/RU]; Apartment 12, ul. Marii Ulanovoi, 9/2, Moscow, 117331 (RU). **KULAKOV, Innokentii Victorovich** [RU/RU]; Apartment 169, Rokossovskii blv., 38, Moscow, 107258 (RU). **DEMIN, Aleksandr Viktorovich** [RU/RU]; Apartment 51, Perovskaja ul. 49/53, Moscow, 111394 (RU).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41489** (13) A1

(21) PCT/US98/05366

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,987 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07B 55/00**

(54) ● CHIRAL SEPARATIONS OF AMINO ACIDS
● SEPARATION CHIRALE D'ACIDES AMINES

(71) **CHIRAL TECHNOLOGIES, INC.** [US/US]; 730 Springdale Avenue, P.O. Box 564, Exton, PA 19341 (US).

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

(71, 72) **BOPP, Ronald, J.** [US/US]; 1408 Hampton Drive, Downingtown, PA 19335 (US).

(74) **COLLINS, Bruce, M.** et al. / etc.; Mathews, Collins, Shepherd & Gould, Suite 306, 100 Thanet Circle, Princeton, NJ 08540 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41490** (13) A1

(21) PCT/US98/03654

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) en (26) en

(31) 08/818,584 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 17/269, 23/18**

(54) ● AF4 SYNTHESIS
● SYNTHESE D'AF4

(71) **SPECIALTY COATING SYSTEMS, INC.** [US/US]; 5707 West Minnesota Street, Indianapolis, IN 46241 (US).

(72) **DOLBIER, William, R., Jr.**; 8205 S.W. 39th Place, Alachua, FL 32608 (US). **DUAN, Jian, Xin**; Apartment 23, 1404 S.W. 19th Terrace, Alachua, FL 32601 (US). **ROCHE, Alex, J.**; 716 S.W. 16th Avenue, Alachua, FL 32601 (US).

(74) **BERNSTEIN, David, B.**; Mintz, Levin, Cohn, Ferris, Goshy and Popeo, P.C., One Financial Center, Boston, MA 02111 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41491** (13) A1

(21) PCT/US98/05492

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/039,372 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 25/02, 25/22, C08K 5/03**

(54) ● OLIGOMERIC FLAME RETARDANT ADDITIVE
● ADDITIF DE RETARDANT DE FLAMME OLIGOMERE

(71) **GREAT LAKES CHEMICAL CORPORATION** [US/US]; Highway 52 Northwest, P.O. Box 2200, West Lafayette, IN 47996 (US).

(72) **ROSE, Richard, S.**; 5848 Lookout Drive, West Lafayette, IN 47906 (US). **ZINGDE, Gurudas**; 832 La Grange Street, West Lafayette, IN 47906 (US). **HEMMERLY, David, M.**; 3040 Georgetown Road, West Lafayette, IN 47906 (US).

(74) **HENRY, Thomas, Q.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, MN 46204 (US).

(81) CA IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41492** (13) A1

(21) PCT/EP98/01197

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) de (26) de

(31) 197 11 404.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 33/22, 29/149**

(54) ● METHOD FOR PRODUCING AROMATIC ALCOHOLS
● PROCEDE DE PRODUCTION D'ALCOOLS AROMATIQUES

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; D-65926 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROESKY, Rainer** [DE/DE]; Magnolienstrasse 3, D-65929 Frankfurt (DE). **BORCHERT, Holger** [DE/DE]; Margreiderstrasse 14, D-67278 Bockenheim a.d. Weinstrasse (DE). **DINGERDISSEN, Uwe** [DE/DE]; Linnéweg 1, D-64342 Seeheim-Jugenheim (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41493** (13) A1

(21) PCT/EP98/01326

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 10 993.4 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 41/54, 43/303**

(54) ● METHOD FOR PRODUCING ACETALS
● PROCEDE DE PRODUCTION D'ACETALS

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANAND, Jürgen** [DE/DE]; Altenbacher Strasse 19, D-67098 Bad Dürkheim (DE). **PA-CIELLO, Rocco** [US/DE]; Robert-Stolz-Strasse 8, D-67098 Bad Dürkheim (DE). **RÖPER, Michael** [DE/DE]; Pegauer Strasse 10, D-67157 Wachenheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41494** (13) A1

(21) PCT/EP98/01324

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 10 994.2 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 47/02, 31/12, 43/303, 41/54**

(54) ● METHOD FOR PRODUCING N-BUTYRALDEHYDE AND/OR N-BUTANOL
● PROCEDE DE PRODUCTION DE N-BUTYRALDEHYDE ET/OU DE N-BUTANOL

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANAND, Jürgen** [DE/DE]; Altenbacher Strasse 19, D-67098 Bad Dürkheim (DE). **PA-CIELLO, Rocco** [US/DE]; Robert-Stolz-Strasse 8, D-67098 Bad Dürkheim (DE). **RÖPER, Michael** [DE/DE]; Pegauer Strasse 10, D-67157 Wachenheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41495** (13) A1

(21) PCT/GB98/00629

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 9705699.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 67/38, 51/14, 69/24, 53/122**

(54) ● PROCESS FOR THE CARBONYLATION OF ETHYLENE
● PROCEDE DE CARBONYLATION DE L'ETHYLENE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEARSON, Jean, Margaret** [GB/GB]; 67 High Street, Great Broughton, Middlesbrough, Cleveland TS7 7EF (GB). **HADDEN, Raymond, Anthony** [GB/GB]; 15 Cartington Road, Newton Hall, Durham DH1 5YR (GB).

(74) **GIBSON, Sara, Hillary, Margaret** et al. / etc.; ICI Group Intellectual Property, P.O. Box 90, Wilton, Middlesbrough, Cleveland TS90 8JE (GB).

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

(11) **WO 98/41496** (13) A1

(21) PCT/US98/05125

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,277 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 08/820,268 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 69/76, C07D 487/00**

(54) ● PROCESS FOR THE PREPARATION OF ARYLMALONATES
● METHODE DE PREPARATION D'ARYLMALONATES

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) **KRUMMEL, Guenter**; Raiffeisenstrasse 13, D-55578 Vendersheim (DE). **KNELL, Marcus**; Talstrasse 122, D-55218 Ingelheim (DE).

(74) **COSTELLO, Charles, F.**; American Home Products Corporation, Patent Law Dept. - 2B2, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

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

Published / Publiée : (c)

(11) **WO 98/41497** (13) A1

(21) PCT/JP98/01112

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) PO 5659 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07C 217/74, 213/04, A61K 31/215**

(54) ● PROPANOLAMINE DERIVATIVES
● DERIVES DE PROPANOLAMINE

(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) **TANIGUCHI, Kiyoshi** [JP/JP]; 2-1-28, Minami-ochiai, Suma-ku, Kobe-shi, Hyogo 654-0153 (JP). **SAKURAI, Minoru** [JP/JP]; 2-18-1-A206, Haradamotomachi, Toyonaka-shi, Osaka 561-0808 (JP). **HASHIMOTO, Norio** [JP/JP]; 3-2-3-207, Shirakawa, Ibaraki-shi, Osaka 567-0832 (JP). **OKAMOTO, Takumi** [JP/JP]; 1-1-C5-104, Shin-senrikitamachi, Toyonaka-shi, Osaka 565-0081 (JP). **TSUBAKI, Kazunori** [JP/JP]; 1-4-189, Oriidai, Uji-shi, Kyoto 611-0023 (JP). **SHIMIZU, Yasuyo** [JP/JP]; 3-9-10, Motomachi, Naniwa-ku, Osaka-shi, Osaka 556-0016 (JP). **TAKASUGI, Hisashi** [JP/JP]; 3-116-10, Mozu Umekita, Sakai-shi, Osaka 591-8031 (JP).

(74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).

(81) BR CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41498** (13) A1
(21) PCT/EP98/01323
(22) **6 Mar/mar 1998 (06.03.1998)**
(25) de (26) de
(31) 197 11 168.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07C 251/60, A01N 37/50**
(54) ● PHENYLKETIMINOXYBENZYL COMPOUNDS, METHOD FOR THE PRODUCTION AND USE THEREOF
● COMPOSES DE PHENYLKETIMINOXYBENZYLE, LEUR PROCÉDE DE PRODUCTION ET LEUR UTILISATION
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GRAMMENOS, Wassilios** [DE/DE]; Borsigstrasse 5, D-67063 Ludwigshafen (DE). **SAUTER, Hubert** [DE/DE]; Neckarpromenade 20, D-68167 Mannheim (DE). **BAYER, Herbert** [DE/DE]; D 3.4, D-68159 Mannheim (DE). **GROTE, Thomas** [DE/DE]; Breslauer Strasse 6, D-67105 Schifferstadt (DE). **GYPSER, Andreas** [DE/DE]; B 4.4, D-68159 Mannheim (DE). **KIRSTGEN, Reinhard** [DE/DE]; Karolinenstrasse 51, D-67434 Neustadt (DE). **MÜLLER, Bernd** [DE/DE]; Jean-Ganss-Strasse 21, D-67227 Frankenthal (DE). **PTOCK, Arne** [DE/DE]; Eichenstrasse 23, D-67067 Ludwigshafen (DE). **RÖHL, Franz** [DE/DE]; Sebastian-Kneipp-Strasse 17, D-67105 Schifferstadt (DE). **GÖTZ, Roland** [DE/DE]; Schumannstrasse 4, D-91541 Rothenburg (DE). **LORENZ, Gisela** [DE/DE]; Erlenweg 13, D-67434 Neustadt (DE). **AMMERMANN, Eberhard** [DE/DE]; Von-Gagern-Strasse 2, D-64646 Heppenheim (DE). **STRATHMANN, Siegfried** [DE/DE]; Donnersbergstrasse 9, D-67117 Limburgerhof (DE). **HARRIES, Volker** [DE/DE]; Immengärtenweg 29e, D-67227 Frankenthal (DE).
(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41499** (13) A1
(21) PCT/EP98/01031
(22) **23 Feb/fév 1998 (23.02.1998)**
(25) de (26) de
(31) 197 10 618.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07C 255/31, 255/60, 233/08, 233/13, 233/19, A01N 37/34**
(54) ● CYCLOALKYLALKANECARBOXAMIDES AND THE PRODUCTION AND USE THEREOF
● AMIDES D'ACIDE CYCLOALKYLALCANECARBOXYLIQUE, LEUR PRODUCTION ET LEUR UTILISATION
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WETTERICH, Frank** [DE/DE]; Robert-Koch-Strasse 4, D-67112 Mutterstadt (DE). **EICKEN, Karl** [DE/DE]; Am Hüttenwingert 12, D-67157 Wachenheim (DE). **LORENZ, Gisela** [DE/DE]; Erlenweg 13, D-67434 Neustadt

- (DE). **AMMERMANN, Eberhard** [DE/DE]; Von-Gagern-Strasse 2, D-64646 Heppenheim (DE). **STRATHMANN, Siegfried** [DE/DE]; Donnersbergstrasse 9, D-67117 Limburgerhof (DE).
(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41500** (13) A1
(21) PCT/US98/02975
(22) **11 Feb/fév 1998 (11.02.1998)**
(25) en (26) en
(31) 08/819.694 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07C 401/00, A61K 31/59**
(54) ● 2-ALKYL-19-NOR-VITAMIN D COMPOUNDS
● DERIVES 2-ALKYLE-19-NOR- DE LA VITAMINE D
(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 North Walnut Street, Madison, WI 53705 (US).
(72) **DELUCA, Hector, F.**; 1809 Highway BB, Deerfield, WI 53531 (US). **SICINSKI, Rafal, R.**; ul. Waszyngtona 33 m. 150, PL-04-030 Warsaw (PL).
(74) **WOZNY, Thomas, M.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (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 GW HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41501** (13) A1
(21) PCT/US98/02976
(22) **11 Feb/fév 1998 (11.02.1998)**
(25) en (26) en
(31) 08/819.693 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07C 401/00, A61K 31/59, C07F 7/18, 9/46**
(54) ● 2-ALKYLIDENE-19-NOR-VITAMIN D COMPOUNDS
● DERIVES 2-ALKYLIDENE-19-NOR- DE LA VITAMINE D
(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 North Walnut Street, Madison, WI 53705 (US).
(72) **DELUCA, Hector, F.**; 1809 Highway BB, Deerfield, WI 53531 (US). **SICINSKI, Rafal, R.**; ul. Waszyngtona 33 m. 150, PL-04-030 Warsaw (PL).

- (74) **WOZNY, Thomas, M.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (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 GW HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41502** (13) A1
(21) PCT/NL98/00152
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 9700230 (32) **17 Mar/mar 1997 (17.03.1997)** (33) BE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07D 201/16**
(54) ● PROCESS FOR PURIFYING CAPROLACTAM
● PROCÉDE DE PURIFICATION DE CAPROLACTAME
(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SIMONS, Antonius, Jacobus, Franciscus** [NL/NL]; Mauritspark 24, NL-6163 HN Geleen (NL). **GROOT ZEVERT, Louise, Annemarie** [NL/NL]; Morgensterstraat 11, NL-6133 VK Sittard (NL).
(74) **GEERTS, Johanna, Adriana, Maria**; Octroobureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/41503** (13) A1
(21) PCT/JP98/01046
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) ja (26) ja
(31) 9/60311 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07D 207/16, C12P 17/12 // A61K 31/40, 35/74, (C12P 17/12, C12R 1:01)**
(54) ● PHYSIOLOGICALLY ACTIVE SUBSTANCE PF1191 AND PROCESS FOR PRODUCING THE SAME
● SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE PF1191 ET PROCÉDE DE PRODUCTION DE CETTE DERNIERE
(71) **MELJI 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) **SETO, Haruo** [JP/JP]; 100-5, Ueno-cho, Hachioji-shi, Tokyo 192-0902 (JP). **SHIN-YA, Kazuo** [JP/JP]; 5-7-703, Adachi 1-chome, Adachi-ku, Tokyo 120-0015 (JP). **YAGUCHI, Takashi** [JP/JP]; Pharmaceutical Research Center,

Meiji Seika Kaisha, Ltd., 760, Morrooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0002 (JP). **SASAKI, Toru** [JP/JP]; Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morrooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0002 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

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

(11) **WO 98/41504** (13) A1

(21) PCT/EP98/01163

(22) **2 Mar/mar 1998 (02.03.1998)**

(25) de (26) de

(31) 197 10 613.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 213/61, 213/38, C07B 43/04**

(54) ● METHOD FOR PRODUCING 5-AMINOMETHYL-2-CHLOROPYRIDINES
● PROCEDE DE PRODUCTION DE 5-AMINOMETHYL-2-CHLOROPYRIDINES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANTZSCH, Reinhard** [DE/DE]; Am Buschhäuschen 51, D-42115 Wuppertal (DE). **STELZER, Uwe** [DE/DE]; Adolf-Kolping-Strasse 22a, D-51399 Burscheid (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41505** (13) A1

(21) PCT/US98/04139

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 60/040,793 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 09/032,959 (32) **2 Mar/mar 1998 (02.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 213/89**

(54) ● METHOD FOR PRODUCING PARTICLES OF PYRITHIONE SALTS
● PROCEDE DE PRODUCTION DE PARTICULES DE SELS DE PYRITHIONE

(71) **OLIN CORPORATION** [US/US]; 350 Knotter Drive, P.O. Box 586, Cheshire, CT 06410-0586 (US).

(72) **POLSON, George, A.**; 131 Campville Hill Road, Harwinton, CT 06791 (US). **DUMAS, Richard, H.**; 2 Brockett Place, East Haven, CT 06512 (US). **HANI, Rahim**; 148 Fairway Drive, Cheshire, CT 06410 (US).

(74) **GARABEDIAN, Todd, E.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (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 GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41506** (13) A1

(21) PCT/US98/04874

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/040,583 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 215/50, 215/22, 215/52, 409/04, 405/04, 401/04, 221/18, 417/04, 401/12, 405/12, A61K 31/47**

(54) ● NOVEL QUINOLINE- AND NAPHTHALENE-CARBOXAMIDES, PHARMACEUTICAL COMPOSITIONS AND METHODS OF INHIBITING CALPAIN

● NOUVEAUX QUINOLINE- ET NAPHTHALENE-CARBOXAMIDES, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'INHIBITION DE LA CALPAINE

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAINES, Robert, A.** [US/US]; 2587 Cold Spring Road, Lansdale, PA 19446 (US). **KINGSBURY, William, D.** [US/US]; R.D. 2 Merlin Road, Phoenixville, PA 19460 (US). **PENDRAK, Israil** [US/US]; 2903 Bayton Road, Norristown, PA 19403 (US). **MALLAMO, John, P.** [US/US]; 616 Font Road, Glenmoore, PA 19343 (US).

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

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41507** (13) A1

(21) PCT/GB98/00781

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705620.4 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(31) 9726660.5 (32) **17 Dec/déc 1997 (17.12.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 217/04, A61K 31/47, C07D 217/06, 217/02**

(54) ● ANTI-CONVULSANT ISOQUINOLYL-BENZAMIDE DERIVATIVES
● DERIVES ANTICONVULSIVANTS D'ISOQUINOLYL-BENZAMIDE

(71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARLING, John, David** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **ORLEK, Barry, Sidney** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **THOMPSON, Mervyn** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **WEST, Vivien**; SmithKline Beecham PLC, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

(11) **WO 98/41508** (13) A1

(21) PCT/GB98/00782

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705619.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(31) 9726695.1 (32) **17 Dec/déc 1997 (17.12.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 217/04, A61K 31/47, C07D 217/02, 217/06, 409/12, 401/12, 417/12, 405/12, 413/12**

(54) ● SUBSTITUTED ISOQUINOLINE DERIVATIVES AND THEIR USE AS ANTICONVULSANTS
● DERIVES D'ISOQUINOLINE SUBSTITUEE ET LEUR UTILISATION EN TANT QU'ANTICONVULSANTS

(71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMPSON, Mervyn** [GB/GB]; (GB). **WARD, Robert, William** [GB/GB]; (GB). **EDWARDS, Peter, David** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **WEST, Vivien**; SmithKline Beecham plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

- (11) **WO 98/41509** (13) A1
(21) PCT/US98/05190
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 60/041,153 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(31) 9719381.7 (32) **11 Sep/sep 1997 (11.09.1997)** (33) GB
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 221/18, 221/02, A61K 31/435, 31/70, 31/58, 31/59, 31/535, 31/47, 31/44, 31/70, A01N 43/42**
- (54) ● METHODS AND COMPOSITIONS FOR TREATING POLYCYSTIC OVARY SYNDROME
● METHODES ET COMPOSITIONS DE TRAITEMENT DE LA POLYKYSTOSE OVAIRIENNE
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALDSTREICHER, Joanne** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
HARRIS, Georgianna, S. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41510** (13) A1
(21) PCT/JP97/00814
(22) **14 Mar/mar 1997 (14.03.1997)**
(25) ja (26) ja
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 223/16, 225/06, 267/16, 279/10, 279/16, 401/04, 401/12, 403/06, 403/12, 405/12, 413/12, 417/12, A61K 31/395, 31/55**
- (54) ● NOVEL BENZOLACTAM DERIVATIVES AND MEDICINAL COMPOSITIONS COMPRISING THE SAME
● NOUVEAUX DERIVES DU BENZOLACTAME ET COMPOSITIONS MEDICAMENTEUSES LES CONTENANT
- (71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
- (72) **HAGISHITA, Sanji**; 502, Kose, Gose-shi, Nara 639-22 (JP). **OKADA, Tetsuo**; 4-6-6, Akasakadai, Sakai-shi, Osaka 590-01 (JP). **FUJIMOTO, Masafumi**; 1102-99, Minamitarawara-cho, Ikoma-shi, Nara 630-01 (JP).
- (74) **YAMAUCHI, Hideaki**; 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).
- (81) JP.
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- (11) **WO 98/41511** (13) A1
(21) PCT/CA98/00233
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) en (26) en
(31) 60/040,791 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(31) 9707487.6 (32) **14 Apr/avr 1997 (14.04.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 237/04, A61K 31/50**
- (54) ● PYRIDAZINONES AS INHIBITORS OF CYCLOOXYGENASE-2
● PYRIDAZINONES UTILISEES COMME INHIBITEURS DE CYCLO-OXYGENASE-2
- (71) **MERCK FROSST CANADA INC.** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LI, Chun, Sing** [CA/CA]; (CA). **PRA-SIT, Petpiboon** [CA/CA]; (CA). **GAUTHIER, Jacques, Y.** [CA/CA]; (CA). **LAU, Cheuk, K.** [CA/CA]; (CA). **THERIEN, Michel** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
- (74) **MURPHY, Kevin, P.**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College, Montreal, Quebec H3A 2Y3 (CA).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/41512** (13) A1
(21) PCT/GB98/00767
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 9705361.5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 239/46, 401/12, A61K 31/505**
- (54) ● SUBSTITUTED 2-ANILINOPYRIMIDINES USEFUL AS PROTEIN KINASE INHIBITORS
● 2-ANILINOPYRIMIDINES SUBSTITUEES UTILISEES EN TANT QU'INHIBITEURS DE LA PROTEINE KINASE
- (71) **CELLTECH THERAPEUTICS LIMITED** [GB/GB]; 216 Bath Road, Slough, Berkshire SL1 4EN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Peter, David** [GB/GB]; 10 Aston Park, Aston Rowant, Oxford OX9 5SW (GB). **HUTCHINGS, Martin, Clive** [GB/GB]; 93 Roycroft Lane, Barkham, Wokingham, Berkshire RG40 4HN (GB). **MOFFAT, David, Festus, Charles** [GB/GB]; 14 Lonsdale Way, Holyport, Maidenhead, Berkshire SL6 2YX (GB).
- (74) **HALLYBONE, Huw, George**; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41513** (13) A2
(21) PCT/EP98/01164
- (22) **2 Mar/mar 1998 (02.03.1998)**
(25) de (26) de
(31) 197 10 609.9 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 239/52**
- (54) ● SUBSTITUTED AMINOSALICYCLIC ACID AMIDES WITH FUNGICIDAL EFFECT AND INTERMEDIATE PRODUCTS FOR PRODUCTION THEREOF
● AMIDES D'ACIDE AMINOSALICYCLIQUE SUBSTITUES A EFFET FONGICIDE ET PRODUITS INTERMEDIAIRES POUR LEUR PREPARATION
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEITZ, Thomas** [DE/DE]; Rietherbach 10b, D-40764 Langenfeld (DE). **STELZER, Uwe** [DE/DE]; Adolf-Kolping-Strasse 22a, D-51399 Burscheid (DE). **WOLFRUM, Peter** [DE/DE]; Landecker Weg 18, D-40789 Monheim (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D-40595 Düsseldorf (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41514** (13) A1
(21) PCT/JP98/01111
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) ja (26) ja
(31) 9/62617 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07D 239/96**
- (54) ● PROCESS FOR PRODUCING QUINAZOLINE DERIVATIVES
● PROCEDE DE PRODUCTION DE DERIVES DE QUINAZOLINE
- (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) **OMORI, Hiroki** [JP/JP]; 6-203-1-809, Showadori, Amagasaki-shi, Hyogo 660-0881 (JP). **GOTO, Shunsuke** [JP/JP]; 5-5-35-701, Nankonaka, Suminoe-ku, Osaka-shi, Osaka 559-0033 (JP). **TSUBOI, Hiroyuki** [JP/JP]; 19-1-519, Ishizuminamimachi, Neyagawa-shi, Osaka 572-0024 (JP). **FUKAGAWA, Masayasu** [JP/JP]; 48, Jinden, Kamiichimachi, Nakanii-kawa-gun, Toyama 930-0365 (JP). **KAGARA, Kooji** [JP/JP]; 3-17-12, Onoharanishi, Mino-shi, Osaka 562-0032 (JP).
- (74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).
- (81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41515** (13) A1
 (21) PCT/EP98/01205
 (22) **4 Mar/mar 1998 (04.03.1998)**
 (25) de (26) de
 (31) 197 10 831.8 (32) **15 Mar/mar 1997 (33) DE (15.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 285/14, 271/12, 417/06, 417/14, A61K 31/41**

- (54) ● ENDOTHOLIN RECEPTOR ANTAGONISTS
 ● ANTAGONISTES DU RECEPTEUR D'ENDOTHELINE

(71) **MERCK PATENT GMBH** [DE/DE]; D-64271 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DORSCH, Dieter** [DE/DE]; Königsberger Strasse 17A, D-64372 Ober-Ramstadt (DE). **OSS-WALD, Mathias** [DE/DE]; Katzenelnbogenweg 1, D-64673 Zwingenberg (DE). **MEDERSKI, Werner** [DE/DE]; Am Ohlenberg 29, D-64390 Erzhäusen (DE). **WILM, Claudia** [DE/DE]; Friedrichstrasse 36, D-64367 Mühlthal (DE). **SCHMITGES, Claus-Jochen** [DE/DE]; Kardingstrasse 5, D-64823 Groß-Umstadt (DE). **CHRISTADLER, Maria** [DE/DE]; Dürerstrasse 10, D-63322 Rödermark (DE). **ANZALI, Soheila** [IR/DE]; Am Alten Berg 13, D-64342 Seeheim-Jugenheim (DE).

(74) **MERCK PATENT GMBH**; D-64271 Darmstadt (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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41516** (13) A1

(21) PCT/CA98/00225

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 60/040,794 (32) **14 Mar/mar 1997 (33) US (14.03.1997)**

(31) 9707488.4 (32) **14 Apr/avr 1997 (33) GB (14.04.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 307/60, 407/12, A61K 31/34**

- (54) ● (METHYLSULFONYL)PHENYL-2-(5H)-FURANONES WITH OXYGEN LINK AS COX-2 INHIBITORS
 ● (METHYLSUFONYL)PHENYL-2-(5H)-FURANONES A LIAISON OXYGENE, UTILISES COMME INHIBITEURS DE CYCLO-OXYGENASE-2

(71) **MERCK FROSST CANADA INC.** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBLANC, Yves** [CA/CA]; (CA). **ROY, Patrick** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **LEGER, Serge** [CA/CA]; (CA). **GRIMM, Erich** [DE/CA]; (CA). **WANG, Zhaoyin** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).

(74) **MURPHY, Kevin, P.**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College, Montreal, Quebec H3A 2Y3 (CA).

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

Published / Publiée : (c)

(11) **WO 98/41517** (13) A1

(21) PCT/JP98/01062

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/62577 (32) **17 Mar/mar 1997 (33) JP (17.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 309/30, 309/10**

- (54) ● PROCESS FOR PRODUCING δ-VALEROLACTONE DERIVATIVES
 ● PROCEDE DE PRODUCTION DE DERIVES DE δ-VALEROLACTONE

(71) **KYOWA YUKA CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KINOSHITA, Hirota** [JP/JP]; 2-5-45, Umaokoshi, Yokkaichi-shi, Mie 510-0023 (JP). **YAMANO, Junzo** [JP/JP]; 2-5-45, Umaokoshi, Yokkaichi-shi, Mie 510-0023 (JP). **MUTO, Kenji** [JP/JP]; 2005-11, Ikuwa-cho, Yokkaichi-shi, Mie 512-0911 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41518** (13) A1

(21) PCT/FR98/00520

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fr (26) fr

(31) 97/03129 (32) **14 Mar/mar 1997 (33) FR (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 311/70, 311/58, C07C 69/157, C07D 417/12**

- (54) ● METHOD FOR PREPARING 2H-1 BENZOPYRANES
 ● PROCEDE DE PREPARATION DE 2H-1-BENZOPYRANES

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESMURS, Jean-Roger** [FR/FR]; La Jonquière - Route de Ternay, Communa, F-69630 Saint Symphorien d'Ozon (FR). **DURY, Michel** [FR/FR]; 65, rue de Sèze, F-69006 Lyon (FR). **KAHN, Philippe** [FR/FR]; 5, Grande Rue, F-91660 Estouches (FR). **RAKOTOARISOA, Haja** [MG/FR]; 203, rue du Faubourg Saint-Martin, F-75010 Paris (FR). **COSSY, Janine** [FR/FR]; 3, rue du Puits de l'Ermitte, F-75005 Paris (FR).

(74) **LE GUEN, Gérard**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

(11) **WO 98/41519** (13) A1

(21) PCT/US98/05352

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,808 (32) **18 Mar/mar 1997 (33) US (18.03.1997)**

(31) 60/043,060 (32) **4 Apr/avr 1997 (33) US (04.04.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 403/02, A61K 31/415**

- (54) ● NOVEL CANNABINOID RECEPTOR AGONISTS
 ● NOUVEAUX AGONISTES DE RECEPTEURS DE CANNABINOIDES

(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) **BENDER, Paul, Elliot** [US/US]; 504 Lilac Lane, Cherry Hill, NJ 08003 (US). **CHRISTENSEN, Siegfried, Benjamin, IV** [US/US]; 2301 Cherry Street #4-M, Philadelphia, PA 19103 (US).

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

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41520** (13) A1

(21) PCT/PL98/00011

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) P.319007 (32) **17 Mar/mar 1997 (33) PL (17.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 405/12**

- (54) ● A PROCESS FOR THE PREPARATION OF FURAZIDIN
 ● PROCEDE DE PREPARATION DE LA FURAZIDINE

(71) **ADAMED SP. Z O.O.** [PL/PL]; Pienków 149, PL-05-152 Czoznów k/Warszawy (PL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WŁOSTOWSKI, Marek** [PL/PL]; ul. Siemiatycka 1/60, PL-01-312 Warszawa (PL).

(74) **SITKOWSKA, Jadwiga**; Patpol Ltd., ul. Nowoursynowska 162 J, PL-02-766 Warszawa (PL).

(81) CN LT LV LU UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41521** (13) A1
 (21) PCT/EP98/01207
 (22) **4 Mar/mar 1998 (04.03.1998)**
 (25) de (26) de
 (31) 197 11 428.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 417/06, 285/14, 317/60, 407/14, A61K 31/36, 31/41**

- (54) ● **ENDOTHELIN RECEPTOR ANTAGONISTS**
 ● **ANTAGONISTES DES RECEPTEURS D'ENDOTHELINE**

(71) **MERCK PATENT GMBH** [DE/DE]; D-64271 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DORSCH, Dieter** [DE/DE]; Königsberger Strasse 17A, D-64372 Ober-Ramstadt (DE). **OSSWALD, Mathias** [DE/DE]; Katzenelnbogenweg 1, D-64673 Zwingenberg (DE). **ME-DERSKI, Werner** [DE/DE]; Am Ohlenberg 29, D-64390 Erzhäusen (DE). **SCHMITGES, Claus-Jochen** [DE/DE]; Kardinger Strasse 5, D-64823 Groß-Umstadt (DE). **WILM, Claudia** [DE/DE]; Friedrichstrasse 36, D-64367 Mühltal (DE). **CHRISTADLER, Maria** [DE/DE]; Dürenstrasse 10, D-63322 Rödermark (DE).

(74) **MERCK PATENT GMBH**; D-64271 Darmstadt (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 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41522** (13) A1

(21) PCT/US98/05517

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,265 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 421/04, 473/30, A61K 31/505, 31/52**

- (54) ● **SYNTHESIS, ANTI-HUMAN IMMUNODEFICIENCY VIRUS AND ANTI-HEPATITIS B VIRUS ACTIVITIES OF 1,3-OXASELENOLANE NUCLEOSIDES**

- **VIRUS DE L'IMMUNODEFICIENCE HUMAINE, SYNTHÈSE DE CE VIRUS ET ACTIVITÉS ANTI-VIRUS DE L'HEPATITE B DE NUCLEOSIDES DE 1,3-OXASELENOLANE**

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridge-wood Drive, Atlanta, GA 30322 (US). **THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHINAZI, Raymond, F.** [US/US]; 1524 Regency Walk Drive, Decatur, GA 30033 (US). **CHU, Chung, K.** [US/US]; 115 Cedar Springs Place, Athens, GA 30605 (US). **DU, Jinfa** [US/US]; 111 College Station Road, K-207, Athens, GA 30605 (US).

(74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

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

Published / Publiée : (c)

(11) **WO 98/41523** (13) A1

(21) PCT/US98/05501

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/821,365 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 451/02, C07C 239/12**

- (54) ● **PROCESS FOR PREPARING DIBENZO-1-CARBOXAMIDO-1,4-AZABICYCLO(3.2.1.) OCTANES**
 ● **PROCEDE DE PREPARATION D'OCTANES DIBENZO-1-CARBOXAMIDO-1,4-AZABICYCLO(3.2.1.)**

(71) **NEUROGEN CORPORATION** [US/US]; 35 N.E. Industrial Road, Branford, CT 06405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAGNUS, Philip, D.** [US/US]; 3111D Windsor Road, Austin, TX 78703 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41524** (13) A1

(21) PCT/EP98/01346

(22) **7 Mar/mar 1998 (07.03.1998)**

(25) en (26) en

(31) 652/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) CH

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 487/04, C07C 211/09, 211/27, C08K 5/3462, C08J 3/28, G03F 7/027**

- (54) ● **PHOTOACTIVATABLE NITROGEN-CONTAINING BASES BASED ON α -AMINO ALKENES**
 ● **BASES CONTENANT DE L'AZOTE POU-VANT ETRE PHOTOSENSIBILISEES, A BASE D' α -AMINO ALKENES**

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(72) **TURNER, Sean, Colm**; 2706A Dana Street, Berkeley, CA 94705 (US). **BAUDIN, Gisèle**; Chemin des Épinettes 9, CH-1723 Marly (CH).

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

Published / Publiée : (c)

(11) **WO 98/41525** (13) A1

(21) PCT/EP98/01357

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 60/040,836 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 487/04, A61K 31/505 // (C07D 487/04, 239:00, 209:00)**

- (54) ● **PYRROLO[2,3-D]PYRIMIDINES AND THEIR USE AS TYROSINE KINASE INHIBITORS**
 ● **PYRROLO [2,3] PYRIMIDINES ET LEUR UTILISATION COMME INHIBITEURS DE LA TYROSINE KINASE**

(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; Knollstrasse, D-67061 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CALDERWOOD, David, John** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **JOHNSTON, David, Norman** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **RAFFERTY, Paul** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **TWIGGER, Helen, Louise** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **MUNSCHAUER, Rainer** [DE/US]; 46 Hunting Avenue, Shrewsbury, MA 01545 (US). **ARNOLD, Lee** [CA/US]; 216 Ruggles Street, Westborough, MA 01581 (US).

(74) **MILLER, Thomas, Kerr et al. / etc.**; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).

(81) AL AM BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41526** (13) A1

(21) PCT/JP98/01042

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9/61550 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07D 487/04, A61K 31/505 // (C07D 487/04, 239:00, 231:00)**

- (54) ● **NOVEL PYRIMIDINE DERIVATIVE**
 ● **NOUVEAU DERIVE DE LA PYRIMIDINE**

(71) **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kanda-Tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Satoshi** [JP/JP]; 6-12, Imakata 2-chome, Otsu-shi, Shiga 520-0241 (JP). **KINOSHITA, Naosumi** [JP/JP]; 467-1, Nojicho, Kusatsu-shi, Shiga 525-0055 (JP). **YASUMURA, Koichi** [JP/JP]; 8-2, Tsurunosato, Otsu-shi,

- Shiga 520-0826 (JP). **EDAMATSU, Koji** [JP/JP]; 11-26-306, Obanagawa, Otsu-shi, Shiga 520-0031 (JP). **NAGAHAMA, Takao** [JP/JP]; 16-18-307, Sakuranocho 2-chome, Otsu-shi, Shiga 520-0026 (JP). **ISHIKAWA, Shintaro** [JP/JP]; 8-63, Katata 1-chome, Otsu-shi, Shiga 520-0243 (JP). **YAMAUCHI, Takeshi** [JP/JP]; 1-1-307, Nagatsujinishiuracho, Yamashina-ku, Kyoto-shi, Kyoto 607-8169 (JP). **KISHI, Kazumasa** [JP/JP]; Sejuru UEDA A201, 1086, Megawa, Rittocho, Kurita-gun, Shiga 520-3013 (JP). **SUGIYAMA, Kazuhisa** [JP/JP]; Guran.Koto Otsukarasaki 405, 13-21, Akanecho, Otsu-shi, Shiga 520-0003 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AU BR CA CN ID KR MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41527** (13) A1
(21) PCT/JP98/01085
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 9/79246 (32) **14 Mar/mar 1997 (14.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07D 487/04, 207/40, A61K 31/55 // (C07D 487/04, 223:00, 209:00)**
(54) ● PYRROLOAZEPINE COMPOUNDS
● COMPOSES DE PYRROLOAZEPINE
(71) **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MIZUNO, Akira** [JP/JP]; 17-1-1-811, Fukakusashinmonjo-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8436 (JP). **SHIBATA, Makoto** [JP/JP]; 946-5-506, Tanaka-cho, Ashikaga-shi, Tochigi 326-0822 (JP). **IWAMORI, Tomoe** [JP/JP]; 1-1-37-402, Sojiji, Ibaraki-shi, Osaka 567-0801 (JP). **INOMATA, Norio** [JP/JP]; 5-8-1, Sakurai, Mino-shi, Osaka 562-0043 (JP).
- (74) **ONO, Nobuo**; Kanda SK Building 6F, 3-22, KandaSakuma-cho, Chiyoda-ku, Tokyo 101-0025 (JP).
- (81) AU CA CN HU KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41528** (13) A1
(21) PCT/EP98/01358
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) en (26) en
(31) 9705428.2 (32) **15 Mar/mar 1997 (15.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07D 513/10, 277/42, A61K 31/425, C07D 417/12, 513/04**
(54) ● SUBSTITUTED 4-ARYLMETHYLENE-2-IMINO-2,3-DIHYDROTHIAZOLES AND DERIVATIVES AND THEIR PHARMACEUTICAL USE
● 4-ARYLMETHYLENE-2-IMINO-2,3-DIHYDROTHIAZOLES SUBSTITUES, LEURS DERIVES, ET LEUR UTILISATION PHARMACEUTIQUE
(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; Knollstrasse, D-67061 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEETHAM, Sharon, Crawford** [GB/GB]; R3 Pennyfoot Street, Nottinghamshire, Nottingham NG1 1GF (GB). **KERRIGAN, Frank** [GB/GB]; R5 Pennyfoot Street, Nottinghamshire, Nottingham NG1 1GF (GB). **JONES, Colin, Gerhart, Pryce** [GB/GB]; R5 Pennyfoot Street, Nottinghamshire, Nottingham NG1 1GF (GB).
- (74) **MILLER, Thomas, Kerr** et al. / etc.; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).
- (81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
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- (11) **WO 98/41529** (13) A1
(21) PCT/CA98/00166
(22) **27 Feb/fév 1998 (27.02.1998)**
(25) en (26) en
(31) 2,200,373 (32) **19 Mar/mar 1997 (19.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07F 17/00, 9/6568, 9/90, 9/94, 9/80, C08F 10/00**
(54) ● HETEROLIGAND
● HETERO-LIGAND
(71) **NOVA CHEMICALS (INTERNATIONAL) S.A.** [CH/CH]; Route de la Glâne 107, P.O. Box 76, CH-1752 Villars-sur-Glâne 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SPENCE, Rupert, Edward, von Haken** [GB/CA]; 401 - 11 Street N.W., Calgary, Alberta T2N 1X5 (CA). **GAO, Xiaoliang** [CA/CA]; 6 Varmoor Place N.W., Calgary, Alberta T3A 0A1 (CA). **KOCH, Linda** [CA/CA]; 409, 5204 Dalton Drive N.W., Calgary, Alberta T3A 3H1 (CA). **BROWN, Stephen, John** [CA/CA]; 157 Mount Sparrowhawk Place S.E., Calgary, Alberta T2Z 2G7 (CA). **HARRISON, Daryll, G.** [CA/CA]; 619 Oakridge Way S.W., Calgary, Alberta T2V 1T7 (CA).
- (74) **CHISHOLM, P., Scott** et al. / etc.; Nova Chemicals Ltd., 2928 - 16 Street N.E., Calgary, Alberta T2E 7K7 (CA).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41530** (13) A1
(21) PCT/US98/04994
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 60/041,258 (32) **17 Mar/mar 1997 (17.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07F 17/00, C08F 10/00**
(54) ● TRANSITION METAL METALLACYCLOPENTADIENYL COMPOUNDS
● COMPOSES METALLACYCLOPENTADIENYL A METAUX DE TRANSITION
(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **WALZER, John, F., Jr.**; 204 Lakeshore Drive, Seabrook, TX 77586 (US).
- (74) **MULLER, William, G.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AU CA JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/41531** (13) A2
(21) PCT/US98/05483
(22) **20 Mar/mar 1998 (20.03.1998)**
(25) en (26) en
(31) 08/821,156 (32) **20 Mar/mar 1997 (20.03.1997)**
(31) 09/008,120 (32) **16 Jan/jan 1998 (16.01.1998)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07H**
(54) ● SOLVENT FOR BIOPOLYMER SYNTHESIS, SOLVENT MICRODROPLETS AND METHODS OF USE
● SOLVANT DESTINE A LA SYNTHÈSE DE BIOPOLYMERES, MICROGOUTTES DE SOLVANT ET PROCÉDES D'UTILISATION
(63) US 08/821,156 (CIP)
US 20 Mar/mar 1997 (20.03.1997)
09/008,120 (CIP)
16 Jan/jan 1998 (16.01.1998)
(71) **UNIVERSITY OF WASHINGTON** [US/US]; Suite 200, 1107 N.E. 45th Street, Seattle, WA 98105 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BLANCHARD, Alan, P.** [US/US]; P.O. Box 95397, Seattle, WA 98145 (US).
- (74) **GAY, David, A.** et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41532** (13) A1
(21) PCT/EP98/01430
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) en (26) en
(31) 9705323.5 (32) **14 Mar/mar 1997 (14.03.1997)**
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C07H 17/08**
(54) ● ERYTHROMYCIN A OXIME DIHYDRATE
● DIHYDRATE D'ERYTHROMYCINE A
(71) **BIOCHEMIE S.A.** [ES/ES]; Apartado de Correos, 97, E-08400 Granollers (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BOSCH, Immaculada** [ES/ES]; Raval Cortines, 21, E-08500 Vic (ES). **CENTELLAS, Victor** [ES/ES]; Narcis Monturiol, 2-b, E-08440

- Cardedeu (ES). **DIAGO, José** [ES/ES]; Calle Josep Carner, 43, 5-a, E-08400 Granollers (ES).
- (74) **SCHALLER, Hans et al.** / etc.; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41533** (13) A1
- (21) PCT/US98/05128
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 08/822,586 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07H 21/00, 21/02, 21/04, C12N 1/00, C12P 19/34, C12Q 1/68**
- (54) ● AN EMBACAP OPERON OF MYCOBACTERIA AND MUTANTS THEREOF
● OPERON EMBACAB D'UNE MYCOBACTERIE ET MUTANTS DUDIT OPERON
- (71) **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY** [US/US]; A Division of Yeshiva University, 1300 Morris Park Avenue, Bronx, NY 10461 (US).
- (72) **JACOBS, William, R., Jr.**; 163 Fordham Street, City Island, NY 10464 (US). **MUSSER, James**; 520 South 3rd Street, Bellaire, TX 77401 (US). **TELENTI, Amalio**; Hannigut, CH-3664 Burgstein (CH).
- (74) **GEORGE, Kenneth, P.** et al. / etc.; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41534** (13) A2
- (21) PCT/US98/05375
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 08/820,563 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07H 21/00**
- (54) ● MULTIFUNCTIONAL CERAMIC PARTICLES AS SOLID SUPPORTS FOR SOLID PHASE AND COMBINATORIAL SOLID PHASE SYNTHESIS
● PARTICULES CERAMIQUES MULTIFONCTIONNELLES UTILISEES COMME SUPPORTS SOLIDES POUR DES SYNTHES EN PHASE SOLIDE ET DES SYNTHES EN PHASE SOLIDE COMBINATOIRES

- (71) **BIOSEPRE INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US). **SEPRACOR INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).
- (72) **BOSCHETTI, Egisto**; 9, allée du Bois Gougenot, F-78290 Croissy sur Seine (FR). **KOCIS, Petr**; 7 Remarkable Court, Boothwyn, MA 19061 (US).
- (74) **LAWRENCE, Stanton, T., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41535** (13) A2
- (21) PCT/GB98/00799
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 9705519.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07K**
- (54) ● ACTIVATION OF PEPTIDES
● ACTIVATION DE PEPTIDES
- (71) **ANMAT TECHNOLOGY LIMITED** [GB/GB]; Saddleworth Business Centre, Huddersfield Road, Delph, Oldham OL3 5DF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AJOULA, Harmesh, Singh** [IN/IN]; The Old Dutch Barn, Doctor Lane, Scouthead, Saddleworth, Oldham OL4 4AD (GB). **CLARKE, David, John** [GB/GB]; 6 Fields Drive, Sandbach, Cheshire CW11 1YB (GB).
- (74) **DEAN, John, Paul**; Withers & Rogers, 4 Dyer's Buildings, Holborn, London EC1N 2JT (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41536** (13) A1
- (21) PCT/US98/03374
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 60/040,790 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07K 1/00, 14/00, 17/00, A61K 39/00, 39/38, 39/21**
- (54) ● GLYCOSYLATION DEFICIENT SIV AND HIV ENVELOPE GLYCOPROTEINS
● GLYCOPROTEINES ENVELOPPES DE VIH ET VIS A GLYCOSYLATION DEFICIENTE

- (71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESROSIERS, Ronald, C.** [US/US]; 13 Causeway Street, Hudson, MA 01749 (US). **REITER, Julie, N.** [US/US]; 100 Wedgewood Road, Worcester, MA 01602 (US).
- (74) **WILLIAMS, Kathleen, M.**; Banner & Witcoff, Ltd., 45th floor, One Financial Center, Boston, MA 02111 (US).
- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41537** (13) A1
- (21) PCT/US98/04857
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 60/041,297 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
- (31) 09/041,145 (32) **12 Mar/mar 1998 (12.03.1998)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07K 5/08**
- (54) ● PEPTIDE-PEPTOID METAL COMPLEXES
● COMPLEXES DE CALCIUM CONTENANT DES PEPTIDES ET DES PEPTOIDES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOODMAN, Murray** [US/US]; 9760 Blackgold Road, La Jolla, CA 92037 (US). **JEF-FERSON, Elizabeth, A.** [CA/US]; 3920 Ingraham Street, San Diego, CA 92109 (US).
- (74) **KIRKPATRICK, Anita, M.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41538** (13) A2
- (21) PCT/US98/06045
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/822,264 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C07K 14/00**
- (54) ● NOVEL HUMAN CYTOKINE/STEROID RECEPTOR PROTEIN
● NOUVELLE PROTEINE RECEPTRICE DES CYTOKINES/STEROIDES HUMAINE
- (63) US 08/822,264 (CIP)
20 Mar/mar 1997 (20.03.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLI, Surya, K.** [US/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **MURRY, Lynn, E.** [US/US]; 1124 Los Trancos Road, Portola Valley, CA 94028 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AL AM BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41539** (13) A2

(21) PCT/US98/05474

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/820,493 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 09/040,963 (32) **18 Mar/mar 1998 (18.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07K 14/47**

(54) ● SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
● PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT

(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).

(72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLIE, Edward, R.**; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAULDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US).

(74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41540** (13) A1

(21) PCT/AT98/00065

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) de (26) de

(31) A 451/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07K 14/655, A61K 51/08**

(54) ● RADIOLABELLED SOMATOSTATIN RECEPTOR LIGANDS FOR DIAGNOSIS AND THERAPY
● LIGANDS RADIOMARQUES DU RECEPTEUR DE LA SOMATOSTATINE POUR LE DIAGNOSTIC ET LA THERAPHIE

(71) **NYCOMED IMAGING AS** [NO/NO]; P.O. Box 4220, Torshov, N-0411 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIRGOLINI, Irene** [AT/AT]; Berggasse 4/32, A-1090 Wien (AT). **SMITH-JONES, Peter** [GB/AT]; Röttergasse 42/35, A-1170 Wien (AT). **ANGELBERGER, Peter** [AT/AT]; Wallrißstrasse 107, A-1180 Wien (AT).

(74) **ITZE, Peter** et al. / etc.; Amerlingstrasse 8, A-1061 Wien (AT).

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

Published / Publiée : (c)

(11) **WO 98/41541** (13) A1

(21) PCT/US98/05786

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,016 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07K 14/705, 16/28, C12N 15/12**

(54) ● THERAPEUTIC USES OF GRIP AND GRIP-RELATED MOLECULES
● UTILISATIONS THERAPEUTIQUES DE MOLECULES DE PROTEINES GRIP ET APPARENTES A GRIP

(71) **JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).

(72) **HUGANIR, Richard, L.**; 6217 Sareva Drive, Baltimore, MD 21209 (US). **DONG, Hualing**; 3746 Hickory Avenue, Baltimore, MD 21211 (US).

(74) **CORLESS, Peter, F.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, 130 Water Street, Boston, MA 02109 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41542** (13) A1

(21) PCT/US98/05327

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,667 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C07K 14/78, A61K 38/39**

(54) ● ANTIANGIOGENIC DRUG TO TREAT CANCER, ARTHRITIS AND RETINOPATHY
● MEDICAMENT ANTIANGIOGENIQUE DESTINE AU TRAITEMENT DE CANCER, D'ARTHRITE ET DE RETINOPATHIE

(71) **ABBOTT LABORATORIES** [US/US]; Chad 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US). **NORTHWESTERN UNIVERSITY** [US/US]; 303 East Chicago Avenue, Chicago, IL 60611 (US).

(72) **HENKIN, Jack**; 1370 Lincoln Avenue South, Highland Park, IL 60035 (US). **BOUCK, Noel, P.**; 611 N. Kenilworth Avenue, Oak Park, IL 60302 (US). **DAWSON, David, W.**; 3837 N. Fremont Street, Chicago, IL 60613 (US). **SCHNEIDER, Andrew, J.**; 980 Cheswick Drive, Gurnee, IL 60031 (US).

(74) **STEELE, Gregory, W.** et al. / etc.; Abbott Laboratories, Chad 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41543** (13) A1

(21) PCT/EP98/00607

(22) **4 Feb/fév 1998 (04.02.1998)**

(25) de (26) de

(31) 197 11 502.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08B 3/02, 3/06**

(54) ● METHOD FOR PRODUCING CELLULOSE ACETATE
● PROCEDE DE PRODUCTION D'ACETATE DE CELLULOSE

(71) **RHODIA ACETOW AKTIENGESELLSCHAFT** [DE/DE]; Engesserstrasse 8, D-79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARSTENS, Ties** [DE/DE]; Schwimmbadstrasse 23, D-79268 Bötzingen (DE). **HERMANNUTZ, Frank** [DE/DE]; August-Lämmle-Weg 18/5, D-71229 Leonberg (DE).

(74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 München (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41544** (13) A1

(21) PCT/US98/05467

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/820,115 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 60/043,067 (32) **30 Jan/jan 1998 (30.01.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08B 37/00

- (54) ● POLYMERIZATION OF MONO- AND DISACCHARIDES USING LOW LEVELS OF POLYCARBOXYLIC ACIDS
- POLYMERISATION DE MONO- ET DISACCHARIDES AU MOYEN DE FAIBLES NIVEAUX D'ACIDES POLYCARBOXYLIQUES

(71) CULTOR FOOD SCIENCE, INC. [US/US]; 430 Saw Mill River Road, Ardsley, NY 10502-2699 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAH, Pankaj, Shashikant [IN/US]; 7503 South Williamsburg Street, Terre Haute, IN 47802 (US). CRAIG, Stuart, Andrew, Shaw [GB/US]; 7 Robin Drive, Somers, NY 10589 (US). MORRILL, Christina, Sue [US/US]; 1090 East Honey Hill Drive, Terre Haute, IN 47802 (US). WUESTHOFF, Michael, Torrey [US/US]; 8 Monticello Court, Gales Ferry, CT 06335 (US).

(74) CARVIS, Thaddius, J.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41545 (13) A1

(21) PCT/US98/05468

(22) 19 Mar/mar 1998 (19.03.1998)

(25) en (26) en

(31) 08/820,115 (32) 19 Mar/mar 1997 (33) US (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08B 37/00

- (54) ● POLYMERIZATION OF MONO-AND DISACCHARIDES USING LOW LEVELS OF MINERAL ACIDS
- POLYMERISATION DE MONO- ET DISACCHARIDES AU MOYEN DE FAIBLES NIVEAUX D'ACIDES MINERAUX

(71) CULTOR FOOD SCIENCE, INC. [US/US]; 430 Saw Mill River Road, Ardsley, NY 10502 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAH, Pankaj, Sashikant [IN/US]; 7503 South Williamsburg Street, Terre Haute, IN 47802 (US). SHAW, Craig, Stuart, Andrew [GB/US]; 7 Robin Drive, Somers, NY 10589 (US). MORRILL, Christina, Sue [US/US]; 1090 East Honey Hill Drive, Terre Haute, IN 47802 (US). WUESTHOFF, Michael, Torrey [US/US]; 8 Monticello Court, Gales Ferry, CT 06335 (US).

(74) CARVIS, Thaddius, J.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41546 (13) A1

(21) PCT/US98/04856

(22) 13 Mar/mar 1998 (13.03.1998)

(25) en (26) en

(31) 08/818,398 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08B 37/08

- (54) ● HYDROGEL BEADS FROM CHITOSAN
- PERLES HYDROGEL A BASE DE CHITOSANE

(71) LIGOCHEM, INC. [US/US]; 10 York Place, North Caldwell, NJ 07006 (US). VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. [US/US]; Suite 107, 1900 Kraft Drive, Blacksburg, VA 24060 (US).

(72) ROY, Swapan, K.; 29 Hershey Road, East Brunswick, NJ 08816 (US). TODD, Jason, G.; 12635 Daybreak Circle, Newport News, VA 23602 (US). GLASSER, Wolfgang, G.; 1302 Highland Circle, Blacksburg, VA 24060 (US).

(74) HOCH, Ramon, R.; Whitham, Curtis Whitham, Suite 900, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41547 (13) A1

(21) PCT/US98/05549

(22) 19 Mar/mar 1998 (19.03.1998)

(25) en (26) en

(31) 9705739.2 (32) 20 Mar/mar 1997 (33) GB (20.03.1997)

(31) 9718071.5 (32) 28 Aug/août 1997 (33) GB (28.08.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08B 37/14, A23J 3/14, A21D 2/36, A61L 15/00, A23L 1/00

- (54) ● IMPROVEMENTS RELATING TO BRAN GELS
- GELS AMELIORES PRODUITS A PARTIR DE SON

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

(72) FITCHETT, Colin, Stanley; 13 Sedgwick Street, Cambridge, Cambs CB1 3AJ (GB). GREENSHIELDS, Roderick; 4 Beaconsfield Court, Sketty, Swansea, West Glamorgan SA2 9JU (GB). WEIGHTMAN, Richard, Mark; 3 Swan Close, St. Ives, Huntingdon, Cambs PE17 4HX (GB).

(74) MAJARIAN, William, R.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

Published / Publiée : (c)

(11) WO 98/41548 (13) A1

(21) PCT/US98/04855

(22) 13 Mar/mar 1998 (13.03.1998)

(25) en (26) en

(31) 08/818,686 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(31) 08/818,193 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(31) 08/815,013 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08B 79/08, 77/398, C04B 35/524

- (54) ● NOVEL LINEAR METALLOCENE POLYMERS CONTAINING ACETYLENIC AND INORGANIC UNITS AND THERMOSETS AND CERAMICS THEREFROM
- NOUVEAUX POLYMERES LINEAIRES DE METALLOCENES CONTENANT DES MOTIFS ACETYLENIQUES ET INORGANICIQUES, ET MATIERES THERMODURCIES ET CERAMIQUES A BASE DE TELS POLYMERES

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF THE NAVY [US/US]; 4555 Overlook Avenue, S.W., Code 3008.2, Washington, DC 20375-5325 (US).

(72) KELLER, Teddy, M.; 6633 Sky Blue Court, Arlington, VA 22315 (US). HOUSER, Eric, J.; 7211 Lavender Lane, Springfield, VA 22150 (US).

(74) MCDONNELL, Thomas, E.; Associate Counsel (Patents), Code 3008.2, Naval Research Laboratory, Washington, DC 20375-5325 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41549 (13) A1

(21) PCT/US98/05164

(22) 17 Mar/mar 1998 (17.03.1998)

(25) en (26) en

(31) 08/820,227 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C08F 8/14, 8/18, 8/30, 8/32, 8/34, 8/42

- (54) ● POLYMERS WHICH ARE DISPERSIBLE IN AQUEOUS SOLVENTS AND PHOTOCURABLE ELEMENTS COMPRISING SAME
- POLYMERES POUVANT ETRE DISPENSES DANS DES SOLVANTS AQUEUX ET DES ELEMENTS PHOTODURCISABLES COMPRENANT LESDITS POLYMERES

(71) POLYFIBRON TECHNOLOGIES, INC. [US/US]; 5210 Phillip Lee Drive, Atlanta, GA 30336-2293 (US).

(72) REIMERS, Jay, L.; 278 12th Street, N.E. #D-1, Atlanta, GA 30309 (US).

(74) **LEVIN, Gary, H.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41550** (13) A1

(21) PCT/US98/06028

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/821,725 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) 08/821,724 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08F 290/14, C08G 61/12**

(54) ● CONDUCTIVE HETEROCYCLIC GRAFT COPOLYMER AND HETEROCYCLIC MACROMER USED THEREIN

● COPOLYMERE GREFFE HETEROCYCLIQUE CONDUCTEUR ET MACROMERE HETEROCYCLIQUE UTILISE DANS LEDIT COPOLYMERE

(71) **ADHESIVES RESEARCH, INC.** [US/US]; P.O. Box 100, Glen Rock, PA 17327 (US).

(72) **ZAJACZKOWSKI, Michael, J.**; 2595 West Philadelphia Street, York, PA 17404 (US).

(74) **HELLWEGE, James, W.** et al. / etc.; P.O. Box 2266 Eads Station, Arlington, VA 22202 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41551** (13) A1

(21) PCT/JP98/01164

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/85730 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 18/02, C08L 79/00, C08J 5/18, C09J 7/00**

(54) ● AROMATIC POLYCARBODIIMIDES AND FILMS THEREOF

● POLYCARBODIIMIDES AROMATIQUES ET FILMS OBTENUS A PARTIR DE CEUX-CI

(71) **NITTO DENKO CORPORATION** [JP/JP]; 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAMOTO, Michie** [JP/JP]; Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP). **FUKUOKA, Takahiro** [JP/JP]; Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP). **YOSHIOKA, Masahiro** [JP/JP]; Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP). **MOCHIZUKI, Amane** [JP/JP]; Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41552** (13) A1

(21) PCT/US98/05141

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/039,194 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 18/08**

(54) ● CONTINUOUS PROCESS FOR PREPARING A POLYURETHANE LATEX

● PROCEDE DE PREPARATION EN CONTINU D'UN LATEX DE POLYURETHANNE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **JAKUBOWSKI, James, J.**; 3616 Jane Drive, Midland, MI 48642 (US). **PATE, James, E., III**; 933 West Walter Road, Sanford, MI 48657 (US). **WILLKOMM, Wayne, R.**; 306 Live Oak Lane, Lake Jackson, TX 77566 (US).

(74) **WILLIS, Reid, S.**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41553** (13) A1

(21) PCT/EP98/00887

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) en (26) en

(31) 97104386.4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) DE et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 18/10, 18/48**

(54) ● METHOD FOR THE PREPARATION OF POLYURETHANE ELASTOMERS

● PROCEDE DE PREPARATION D'ELASTOMERES DE POLYURETHANNE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).

(72) **BLEYS, Gerhard, Jozef**; Bremstraat 19, B-3001 Heverlee (BE). **HAMILTON, Alan, James**; Dorpstraat 597, B-3061 Leefdaal (BE). **CASIDY, Edward, Francis**; Avenue Leopold 45, B-1330 Rixensart (BE).

(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).

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

(11) **WO 98/41554** (13) A1

(21) PCT/US98/05113

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/041,600 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 18/10, 18/48, 18/08, C08J 3/03**

(54) ● POLYURETHANE LATEXES, PROCESSES FOR PREPARING THEM AND POLYMERS PREPARED THEREWITH

● LATEX DE POLYURETHANE, PROCEDES DE PREPARATION ET POLYMERES OBTENUS A PARTIR DESDITS LATEX

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **TABOR, Rick, L.**; 4126 Jetty Terrace Circle, Missouri City, TX 77459 (US). **MOORE, Douglas, R.**; Apartment 1602, 201 Hackberry Street, Clute, TX 77531 (US). **JAKUBOWSKI, James, J.**; 3616 Jane Drive, Midland, MI 48642 (US). **WILLKOMM, Wayne, R.**; 306 Live Oak Lane, Lake Jackson, TX 77566 (US). **SOLIS, Ruben**; 2119 Oakwood Drive, Richwood, TX 77531 (US).

(74) **TYLER, Gene, L.**; The Dow Chemical Company, Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41555** (13) A1

(21) PCT/GB97/00742

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 61/12**

(54) ● CONDUCTIVE POLYMERS AND PROCESSES FOR THEIR PREPARATION

● POLYMERES CONDUCTEURS ET PROCEDES DE PREPARATION ASSOCIES

(71) **BAXENDEN CHEMICALS LIMITED** [GB/GB]; Paragon Works, Baxenden, Accrington, Lancashire BB5 2SL (GB).

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

(72, 75) **FOOT, Peter, Jonathan, Samuel** [GB/GB]; 43 King Henry's Road, Kingston, Surrey KT1 3QA (GB). **DAVIS, Reginald** [GB/GB]; 17 Heymede, Leatherhead, Surrey KT22 8PG (GB). **BUDD, Darren** [GB/GB]; 25 Palmers Green, Cox Green, Maidenhead, Surrey SL6 3XF (GB).

(74) **PIDGEON, Robert, John** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41556** (13) A1
(21) PCT/US97/23387
(22) **17 Dec/déc 1997 (17.12.1997)**
(25) en (26) en
(31) 08/819,066 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(31) 08/788,895 (32) **18 Apr/avr 1997 (18.04.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C08G 63/60, 81/00**
(54) ● DIBLOCK POLYESTER COPOLYMER AND PROCESS FOR MAKING
● COPOLYMER DIBLOC DE POLYESTER ET PROCEDE DE FABRICATION
(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
(72) **WEIMING, Tang**; 165 Dafrack Drive, Lake Hiawatha, NJ 07032 (US). **MARES, Frank**; 32 Valley Forge Drive, Whippany, NJ 07981 (US). **MORGAN, Robert, Clark**; 4 Irving Place, Summit, NJ 07901 (US).
(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept., (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41557** (13) A1
(21) PCT/EP98/01238
(22) **5 Mar/mar 1998 (05.03.1998)**
(25) de (26) de
(31) 197 11 303.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C08G 63/688, 63/16, 63/64, C11D 3/37**
(54) ● POLYESTER-BASED AMPHIPHILIC POLYMERS WITH CONDENSED ACETALIC GROUPS IN DETERGENTS AND CLEANING AGENTS
● POLYMERES AMPHIPHILES A BASE DE POLYESTERS AVEC DES GROUPES ACETALIQUES CONDENSES DANS LES LESSIVES ET DETERGENTS
(71) **HÜLS AKTIENGESELLSCHAFT** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE). (for all designated States except / pour tous les États désignés sauf US)
(72) 75) **KOCH, Herbert** [DE/DE]; Pfr.-Trockel-Pättchen 14, D-46348 Raesfeld (DE). **FISCHER, Ulrike** [DE/DE]; Nonnenstiege 2, D-46282 Dorsten (DE).
(81) BG BY CN HU JP KR LT PL RO RU SI SK TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41558** (13) A1
(21) PCT/FR98/00496
(22) **11 Mar/mar 1998 (11.03.1998)**
- (25) fr (26) fr
(31) 97/03068 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C08G 63/688, A61K 7/06, 7/48, 47/34**
(54) ● METHOD FOR GELLING AQUEOUS MEDIA, USE OF COPOLYESTERS AS GELLING AGENTS OF AQUEOUS MEDIA AND NOVEL COPOLYESTERS FOR GELLING AQUEOUS MEDIA
● PROCEDE DE GELIFICATION DE MILIEUX AQUEUX, UTILISATION DE COPOLYESTERS COMME AGENTS GELIFIANTS DE MILIEUX AQUEUX ET NOUVEAUX COPOLYESTERS GELIFIANTS DE MILIEU AQUEUX
(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).
(72) **FLEURY, Etienne**; 26, rue Taillepiéd, F-69540 Irigny (FR). **RICCA, Jean-Marc**; 16, avenue Michel Bizot, F-75012 Paris (FR).
(74) **FABRE, Madeleine-France**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).
(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41559** (13) A1
(21) PCT/US98/05401
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 60/041,056 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
(31) 08/957,574 (32) **24 Oct/oct 1997 (24.10.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C08G 63/88, B29C 47/10**
(54) ● PROCESS FOR THE MODIFICATION OF A POLYESTER MELT USED IN A CONTINUOUS MELT-TO-PREFORM PROCESS
● PROCEDE SERVANT A MODIFIER UNE MATIERE FONDUE DE POLYESTER UTILISEE DANS UN PROCEDE DE FUSION POUR PREFORMAGE EN CONTINU
(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
(72) **TREECE, Lanney, Calvin**; 112 Partridge Place, Kingsport, TN 37663 (US). **OLSEN, Eric, Gray**; P.O. Box 3701, Kingsport, TN 37664 (US). **SHELBY, Marcus, David**; 299 Pactolus Road, Kingsport, TN 37663 (US). **CARROLL, Max, Lamar, Jr.**; 1025 Sussex Drive, Kingsport, TN 37660 (US). **EKART, Michael, Paul**; 240 Grandview Court, Kingsport, TN 37664 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41561** (13) A1
(21) PCT/GB98/00790
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 9705518.0 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C08G 63/91, C09D 167/06, C09J 167/06, C08G 69/48**
(54) ● COATING, ADHESIVE AND SEALANT COMPOSITIONS
● COMPOSITIONS DE REVETEMENT, ADHESIVES ET D'ETANCHEITE

- (71) **COURTAULDS COATINGS (HOLDINGS) LIMITED** [GB/GB]; 50 George Street, London W1A 2BB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEAKE, Jonathan, Stuart** [GB/GB]; 10 Cloud Green, Cannon Park, Coventry CV4 7DL (GB).
- (74) **HALE, Stephen, Geoffrey**; J.Y. & G.W. Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).
- (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41562** (13) A1

(21) PCT/US98/04966

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/821,055 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 63/91, C08L 89/00, A61K 39/00**

- (54) ● NON-ANTIGENIC BRANCHED POLYMER CONJUGATES
● CONJUGUES DE POLYMERES RAMIFIES NON ANTIGENIQUES

(71) **ENZON, INC.** [US/US]; 20 Kingsbridge Road, Piscataway, NJ 08854-3969 (US).

(72) **GREENWALD, Richard, B.**; 113 Hickory Road, Somerset, NJ 08873 (US). **MARTINEZ, Anthony, J.**; 20 Weybourne Road, Hamilton Square, NJ 08690 (US).

(74) **MERCANTI, Michael, N.** et al. / etc.; Roberts & Mercanti, L.L.P., P.O. Box 484, Princeton, NJ 08542-0484 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41563** (13) A1

(21) PCT/US98/05144

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,186 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 69/10, 73/10**

- (54) ● FORMING CROSSLINKED POLYSUCCINIMIDE
● FORMATION DE POLYSUCCINIMIDE RETICULE

(71) **SOLUTIA, INC.** [US/US]; 10300 Olive Boulevard, St. Louis, MO 63166 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOU, Yueting** [US/US]; 314 Branchport Drive, Chesterfield, MO 63017 (US).

(74) **SIECKMANN, Gordon, F.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

(11) **WO 98/41564** (13) A1

(21) PCT/US98/05221

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,431 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 69/10, 73/10**

- (54) ● FORMING SUPERABSORBENT POLYMER
● PROCEDE DE PREPARATION D'UN POLY-MERE SUPERABSORBANT

(71) **SOLUTIA INC.** [US/US]; 10300 Olive Boulevard, St. Louis, MO 63166 (US).

(72) **CHOU, Yueting**; 314 Branchport Drive, Chesterfield, MO 63017 (US).

(74) **SIECKMANN, Gordon, F.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US) et al. / etc.

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

(11) **WO 98/41565** (13) A1

(21) PCT/EP98/01032

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) de (26) de

(31) 197 10 616.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 73/02, D21H 21/16**

- (54) ● AQUEOUS DISPERSIONS OF REACTIVE GLUING AGENTS, METHOD FOR THE PRODUCTION, AND USE THEREOF
● DISPERSIONS AQUEUSES D'AGENTS REACTIFS DE COLLAGE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ETTL, Roland** [DE/DE]; Fritz-Haber-Strasse 3b, D-67454 Haßloch (DE). **SCHUHMACHER, Rudolf** [DE/DE]; Römerstrasse 7a, D-67459 Böhl-İggelheim (DE). **BONN, Johann** [DE/DE]; Haardtstrasse 12, D-67258 Heßheim (DE). **REÜTHER, Wolfgang** [DE/DE]; Am Pferchelhang

16, D-69118 Heidelberg (DE). **UTECHT, Jens** [DE/DE]; St.-Leoner-Strasse 6a, D-68809 Neu-İußheim (DE). **JULIUS, Manfred** [DE/DE]; Albert-Einstein-Allee 13a, D-67117 Limbурge-rhof (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41566** (13) A1

(21) PCT/JP98/01098

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja

(31) 9/60904 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08G 77/20, 77/14, 77/16, 77/26, 77/28, 77/38**

- (54) ● SILICONE COMPOUNDS AND PROCESS FOR PRODUCING THE SAME
● COMPOSE DE SILICIUM ET SON PROCEDE DE FABRICATION

(71) **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 31-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP). **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIYAMA, Takeshi** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP). **FURUKAWA, Nobuyuki** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP). **TERAMOTO, Takero** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP).

(74) **NARUSE, Katsuo** et al. / etc.; Go Building, 5th floor, 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41567** (13) A1

(21) PCT/JP98/00722

(22) **19 Feb/fév 1998 (19.02.1998)**

(25) ja (26) ja

(31) 9/84489 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(31) 9/367319 (32) **24 Dec/déc 1997 (24.12.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 3/12, C08L 27/18**

- (54) ● FILLER-FREE GRANULAR POLYTETRAFLUOROETHYLENE POWDER AND PROCESS FOR PRODUCING THE SAME
● Poudre DE POLYTETRAFLUOROETHYLENE GRANULAIRE EXEMPT DE CHARGE ET PROCEDE DE PRODUCTION

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASANO, Michio** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TSUJI, Masayuki** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41568** (13) A1

(21) PCT/JP98/00825

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) ja (26) ja

(31) 9/84490 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 3/12, C08L 27/18**

(54) ● GRANULAR POWDER OF MODIFIED POLYTETRAFLUOROETHYLENE
● POUDRE GRANULAIRE DE POLYTETRAFLUOROETHYLENE MODIFIE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASANO, Michio** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TSUJI, Masayuki** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41569** (13) A1

(21) PCT/JP98/01037

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) ja (26) ja

(31) 9/84488 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 3/12, C08L 27/12**

(54) ● FILLED PARTICULATE POWDER OF POLYTETRAFLUOROETHYLENE AND PROCESS FOR PREPARING THE SAME
● POUDRE CHARGÉE, DE PARTICULES DE POLYTETRAFLUOROETHYLENE, ET SON PROCÉDE DE PRÉPARATION

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASANO, Michio** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SUKÉGAWA, Masamichi** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41570** (13) A1

(21) PCT/EP98/01230

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) de (26) de

(31) 197 10 523.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 3/22, C08K 5/00, C08L 23/06**

(54) ● THE USE OF POLYAMIDES AS DEFORMATION STABILIZERS FOR POLYMERS
● UTILISATION DE POLYAMIDES EN TANT QUE STABILISANTS DE DEFORMATION POUR POLYMERES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DI FIORE, Carmine** [IT/IT]; Viale Montariello, 18, I-80067 Sorrento (IT). **BERTI, Fabio** [IT/IT]; Via Yuri Gagarin, 4, I-50013 Campi Bisenzio (IT). **ROSSINI, Angela** [IT/IT]; Viale Suzzani, 155, I-20162 Milano (IT).

(81) JP TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41571** (13) A1

(21) PCT/US98/05008

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/819,062 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 5/18, G09F 3/00**

(54) ● DIE-CUTTABLE LABELS
● ETIQUETTES SE PRETANT A LA DECOUPE A L'EMPORTE-PIECE

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **BALAKOFF, Gary, Michael**; 637 Willow Road, Orwigsburg, PA 77082 (US).

(74) **MILLER, Douglas, W.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) CA MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41572** (13) A1

(21) PCT/JP98/01100

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja

(31) 9/62563 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 9/00, 3/20, D01F 6/04, 6/06**

(54) ● PROCESS FOR THE PRODUCTION OF POROUS POLYOLEFIN

● PROCÉDE DE PRODUCTION DE POLYOLEFINE POREUSE

(71) **TOKUYAMA CORPORATION** [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi-ken 745-0053 (JP).

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

(72, 75) **MIZUTANI, Yukio** [JP/JP]; Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi-ken 745-0053 (JP). **NAGOU, Satoshi** [JP/JP]; Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi-ken 745-0053 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) DE US.

Published / Publiée : (a)

(11) **WO 98/41573** (13) A1

(21) PCT/JP98/00950

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) ja (26) ja

(31) 9/61220 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(31) 9/228112 (32) **25 Aug/août 1997 (25.08.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 9/04**

(54) ● FOAMED BODY, INTERIOR MATERIAL COMPOSED OF SAME, OR MOLDINGS FOR INTERIOR FINISH IN VEHICLE, AND METHOD OF MANUFACTURING SAME

● CORPS EN MOUSSE, MATERIAU INTERIEUR COMPOSE DE CELUI-CI, OU MOULAGES DESTINES AU REVETEMENT INTERIEUR DE VEHICULES, ET PROCÉDE DE FABRICATION ASSOCIE

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).

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

(72, 75) **KATAOKA, Akihiro** [JP/JP]; 13-1, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP). **OKUBO, Shunji** [JP/JP]; 17-24, Fujimidai, Otsu-shi, Shiga 520-0846 (JP). **NAKAE, Toshiharu** [JP/JP]; 550, Kitawaki, Hino-cho, Gamou-gun, Shiga 529-1663 (JP). **AKIMARU, Fusayoshi** [JP/JP]; 34-28, Fujimidai, Otsu-shi, Shiga 520-0846 (JP).

(81) CA KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41574** (13) A1

(21) PCT/US97/16422

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) PCT/US97/04161 (32) **14 Mar/mar 1997 (14.03.1997)** (33) WO

(34) US et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C08J 9/12, C08L 23/16**

(54) ● FOAMABLE COMPOSITIONS COMPRISING LOW VISCOSITY THERMOPLASTIC MATERIAL COMPRISING AN ETHYLENE α -OLEFIN

- COMPOSITIONS EXPANSIBLES COMPRENANT UNE MATIERE THERMOPLASTIQUE A FAIBLE VISCOSITE RENFERMANT UN ETHYLENE/ α -OLEFINE
- (63) US PCT/US97/04161 (CIP)
14 Mar/mar 1997 (14.03.1997)
- (71) **H.B. FULLER LICENSING & FINANCING, INC.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US). **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCKAY, Kevin, W.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US). **SIMMONS, Eugene, R.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US). **WOODBIDGE, Donald, P.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US).
- (74) **FISCHER, Carolyn, A.**; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US) et al. / etc.
- (81) CN MX US.
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- (11) **WO 98/41575** (13) A1
(21) PCT/EP98/01245
(22) **5 Mar/mar 1998 (05.03.1998)**
(25) de (26) de
(31) 197 10 978.0 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C08K 5/29, 5/15, C08G 18/42**
- (54) ● METHOD FOR PRODUCING SEMI-RIGID COMPACT OR CELLULAR SHAPED BODIES WITH A PUR BASE AND THE STABILIZATION THEREOF; SHAPED BODIES PRODUCED ACCORDING TO SAID METHOD AND THE USE THEREOF
● PROCEDE DE PRODUCTION DE CORPS MOULES SEMI-RIGIDES COMPACTS OU CELLULAIRES A BASE DE PUR ET LEUR STABILISATION, CORPS MOULES FABRIQUES SELON CE PROCEDE ET LEUR UTILISATION
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MICHELS, Erhard** [DE/DE]; Andreas-Gryphius-Strasse 7, D-51061 Köln (DE). **PLEISS, Klaus** [DE/DE]; Mühlenstrasse 68, D-51469 Bergisch Gladbach (DE). **DICK, Hans-Norbert** [DE/DE]; Biesenbach 77, D-51381 Leverkusen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41576** (13) A1
(21) PCT/FI97/00172
(22) **17 Mar/mar 1997 (17.03.1997)**
(25) fi (26) en
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C08L 23/04, 77/00, C08F 255/00**
- (54) ● TECHNICAL PLASTIC COMPOSITION
● COMPOSITION DE PLASTIQUE TECHNIQUE
- (71) **VALTION TEKNILLINEN TUTKIMUSKESKUS** [FI/FI]; Vuorimiehentie 5, FIN-02044 VTT (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QIU, Chunhai** [CN/CN]; Shanghai Research Institute of Materials, 99 Handan Road, Shanghai 200437 (CN). **KOMPPA, Veikko** [FI/FI]; Pääskynkuja 7, FIN-03100 Nummela (FI). **SIVOLA, Arto** [FI/FI]; Sateenkuja 5 C, FIN-02100 Espoo (FI).
- (74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41577** (13) A1
(21) PCT/US98/05022
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 08/819,246 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C08L 33/02, D04H 1/64**
- (54) ● WATER-SOLUBLE BINDER COMPOSITION
● COMPOSITION DE LIANT SOLUBLE DANS L'EAU
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **POMPLUN, William, Seal**; 1873 Brookfield Drive, Neenah, WI 54956 (US). **MUMICK, Pavneet, Singh**; 1514 Schaefer Circle #5, Appleton, WI 54915 (US). **JACKSON, David, Martin**; 9825 Summer Oaks Drive, Roswell, GA 30076 (US). **CHANG, Yihua**; N342 Candlelite Way, Appleton, WI 54915 (US).
- (74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41578** (13) A1
(21) PCT/JP98/01060
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) ja (26) ja
(31) 9/62576 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C09B 33/147, C09D 11/00, 7/12, C08J 3/20, G03G 5/06**
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C08L 67/02, C08G 63/16 // (C08L 67/02, 12:00)**
- (54) ● POLYESTER RESIN COMPOSITION, CURED RESIN, AND COATING MATERIAL
● COMPOSITION DE RESINE POLYESTER, RESINE DURCIE ET MATERIAU DE REVETEMENT
- (71) **KYOWA YUKA CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURATA, Shigeru** [JP/JP]; 1-1-7, Nakaasahi-gaoka, Suzuka-shi, Mie 510-0212 (JP). **YAMAUCHI, Toshio** [JP/JP]; 1-11-2, Nakagawara, Yokkaichi-shi, Mie 510-0833 (JP). **FUJITANI, Ryochi** [JP/JP]; 1290, Yamashiro-cho, Yokkaichi-shi, Mie 512-8048 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41579** (13) A1
(21) PCT/EP98/01412
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) de (26) de
(31) 197 11 314.1 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C08L 83/04, A61K 6/10**
- (54) ● POLYSILOXANE COMPOUND WHICH IS STABLE DURING STORAGE AND PRODUCES VULCANISATES WHICH CAN BE PERMANENTLY WETTED WITH WATER
● MATIERE POLYSILOXANE STABLE AU STOCKAGE ET PRODUISANT DES VULCANISATS HUMECTABLES EN PERMANENCE A L'EAU
- (71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, D-81737 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STEPP, Michael** [DE/DE]; Robert-Koch-Strasse 7, D-84489 Burghausen (DE). **BINDL, Johann** [DE/DE]; Carl-Bosch-Strasse 14, D-84489 Burghausen (DE). **KREIS, Gerhard** [DE/DE]; Karl-Gros-Strasse 2, D-84489 Burghausen (DE). **GARHAMMER, Arnold** [DE/DE]; Mühlenweg 12, D-84359 Simbach (DE).
- (74) **FRITZ, Helmut** et al. / etc.; Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, D-81737 München (DE).
- (81) BR JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41580** (13) A1
(21) PCT/JP98/01166
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) ja (26) ja
(31) 9/65995 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)

- (54) ● CONDENSED AZO COMPOUND AND PROCESS FOR PRODUCING THE SAME
● COMPOSE AZO CONDENSE ET PROCEDE DE FABRICATION

(71) **KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO** [JP/JP]; 4-8, Korabashi 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, Nango-cho, Nishinomiya-shi, Hyogo 662-0038 (JP). **KI-TAYAMA, Masaya** [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665-0881 (JP). **MINAMI, Kenji** [JP/JP]; 3-15-2, Onosato, Senan-shi, Osaka 590-0526 (JP). **WAKAMORI, Hiroyuki** [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-3105 (JP). **TANIGAWA, Katsunori** [JP/JP]; 7-18, Takatsuka-cho, Nishinomiya-shi, Hyogo 662-0066 (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) CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41581** (13) A1

(21) PCT/EP98/01325

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 11 169.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09B 35/64, 69/10, 67/22**

(54) ● OLIGOMERIC AZO DYES

● COLORANTS AZO OLIGOMERIQUES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHRÖDER, Gunter-Rudolf** [DE/DE]; Ziethenstrasse 95, D-68259 Mannheim (DE). **FREUND, Torsten** [DE/DE]; Römerweg 11, D-67117 Limburgerhof (DE). **MAYER, Udo** [DE/DE]; Max-Slevogt-Strasse 27, D-67227 Frankenthal (DE). **ETZBACH, Karl-Heinz** [DE/DE]; Jean-Ganss-Strasse 46, D-67227 Frankenthal (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) BR CN JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41582** (13) A1

(21) PCT/EP98/01353

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) de (26) de

(31) 197 11 443.1 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09B 48/00, C09D 11/00, D21H 21/28, C09B 67/26**

(54) ● WATER-SOLUBLE QUINACRIDONES

● QUINACRIDONES SOLUBLES DANS L'EAU

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ETZBACH, Karl-Heinz** [DE/DE]; Jean-Ganss-Strasse 46, D-67227 Frankenthal (DE). **KRANZ, Carolin** [DE/DE]; Rebenstrasse 20, D-64646 Heppenheim (DE). **SENS, Rüdiger** [DE/DE]; Faselwiese 15, D-67069 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41583** (13) A1

(21) PCT/EP98/01356

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) de (26) de

(31) 197 11 445.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09B 69/02, 47/26, 67/00, C09D 11/00**

(54) ● COLORANT SALTS AND THEIR USE IN DYEING POLYMER MATERIALS
● SELS DE COLORANTS ET LEUR UTILISATION POUR LA COLORATION DE MATÉRIEAUX POLYMERES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WÜRTNER, Frank** [DE/DE]; Hans-Acker-Weg 18, D-89081 Ulm (DE). **SENS, Rüdiger** [DE/DE]; Faselwiese 15, D-67069 Ludwigshafen (DE). **SEYBOLD, Günther** [DE/DE]; Friedrich-Ebert-Strasse 14, D-67141 Neuhausen (DE). **ETZBACH, Karl-Heinz** [DE/DE]; Jean-Ganss-Strasse 46, D-67227 Frankenthal (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) DE JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41584** (13) A1

(21) PCT/EP98/01243

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 9/84712 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09C 1/00, C09D 7/12, 11/00, C08K 3/00, A61K 7/00**

(54) ● HIGH-CHROMA ORANGE PEARL PIGMENT
● CONCEPTION D'UNE NACRE ARTIFICIELLE ORANGE A FORTE SATURATION DES COULEURS REMPLAÇANT UN PIGMENT AU CADMIUM

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOGUCHI, Tamio** [JP/JP]; Merck Japan Kabushiki Kaisha, Onahama koujou nai, 51-15, Aza Egoshi, Kurosuno, Izumi-machi, Iwaki-shi, Fukushima-ken (JP).

(81) BR CA CN CZ KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41585** (13) A1

(21) PCT/US98/05499

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,129 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) Not furnished / non communiqué (32) **18 Mar/mar 1998 (18.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09D 5/14, 1/00**

(54) ● ALUMINA-BASED HYDROPHILIC ANTIMICROBIAL COATING
● REVETEMENT ANTIMICROBIEN HYDROPHILE A BASE D'ALUMINE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **ZHOU, Shaojun, James**; 43 Country Club Court, Palatine, IL 60067 (US). **KEYVAN, Mahnaz, Rezale**; 2815 Cedar Glade Drive, Naperville, IL 60564 (US). **SEMINARA, Gary**; 8907 Bunton Road, Wonder Lake, IL 60097 (US). **PICKUP, Helen**; 209 N. Lucia, Redondo Beach, CA 90277 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41586** (13) A1

(21) PCT/EP98/01221

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) de (26) de

(31) 197 11 398.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09D 5/44, C08G 59/14, 59/18**

(54) ● AQUEOUS DISPERSION OF BINDING AGENTS, METHOD FOR THE PRODUCTION THEREOF AND CATHODIC ELECTRODEPOSITION PAINTS

● DISPERSION AQUEUSE DE LIANTS, LEUR PROCEDE DE PRODUCTION AINSI QUE PEINTURES ELECTROPHORETIQUES POUVANT ETRE DEPOSEES PAR VOIE CATHODIQUE

(71) **HERBERTS GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG** [DE/DE]; Christbusch 25, D-42285 Wuppertal (DE). **VIANOVA RESINS AG** [AT/AT]; Leechgasse 21, A-8010 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLEIN, Klausjörg** [DE/DE]; Richard-Strauss-Allee 33, D-42289 Wuppertal (DE). **HÖNIG, Helmut** [AT/AT]; Seebachergasse 10, A-8010 Graz (AT).

(74) **TURK GILLE HRABAL LEIFERT**; Brucknersstrasse 20, D-40593 Düsseldorf (DE).

(81) BR CA CN CZ JP KR MX PL RU SI SK US; EP
(AT BE CH DE DK ES FI FR GB GR IE IT LU
MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41587** (13) A1

(21) PCT/JP98/01122

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 2,200,143 (32) **17 Mar/mar 1997 (17.03.1997)** (33) CA

(31) 2,213,927 (32) **25 Aug/août 1997 (25.08.1997)** (33) CA

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09D 11/10, B41M 5/20**

(54) ● ELECTROCOAGULATION PRINTING INK
● ENCRE D'IMPRESSION PAR ELECTROCOAGULATION

(71) **TOYO INK MANUFACTURING CO., LTD.** [JP/JP]; 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

(72) **ADRIEN, Casterngier**; 36 Beloeil, Qutremont, Québec H2V 2Z2 (CA). **NORMAND, Lepine**; 1810 18e Avenue, Pointe-aux-Trembles, Québec H1B 3J7 (CA).

(74) **MIYOSHI, Hidekazu**; 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CN JP KR NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41588** (13) A1

(21) PCT/US98/05214

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/041,417 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 09/038,245 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09D 167/00, B05D 7/00, B29C 47/02**

(54) ● ENHANCED ADHESION OF POLYESTER COATINGS
● ADHERENCE AMELIOREE DE REVETEMENTS DE POLYESTER

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **FOSTER, Bruce, William**; 617 Ruthlynn Drive, Longview, TX 75605 (US). **BEALL, Whitney, Kay**; 363 Garden Drive, Longview, TX 75603 (US). **FARNHAM, Diane, Hines**; 3712 French Drive, Longview, TX 75604 (US). **EDWARDS, Ray**; 406 Sandy Lane, Henderson, TX 75652 (US).

(74) **GRIFFIS, Andrew, B.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41589** (13) A1

(21) PCT/JP98/01071

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/61573 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09D 183/06, C08L 83/06, C08K 3/22**

(54) ● ANTIFOULING SILICONE EMULSION COATING COMPOSITION, PROCESS FOR PRODUCING THE SAME AND ANTIFOULING ARTICLE COATED THEREWITH

● COMPOSITION POUR REVETEMENT ANTISALISSURES A EMULSION DE SILICONE, PROCEDE POUR PRODUIRE DE REVETEMENT ET ARTICLE ANTISALISSURES RECOUVERT DE CE REVETEMENT

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-kadoma, Kadoma-shi, Osaka 571-0000 (JP).

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

(72, 75) **TAKAHAMA, Koichi** [JP/JP]; 7-16, Mizudo-cho 1-chome, Amagasaki-shi, Hyogo 661-0026 (JP). **YAMAKI, Takeyuki** [JP/JP]; Konchinentonishii 206, 3-58, Ikeda 3-chome, Neyagawa-shi, Osaka 572-0039 (JP). **INOUE, Minoru** [JP/JP]; 33-8, Kisabe 4-chome, Katano-shi, Osaka 576-0052 (JP). **GOTO, Akiharu** [JP/JP]; 2-207, Amanogahara-cho 1-chome, Katano-shi, Osaka 576-0034 (JP). **IKENAGA, Junko** [JP/JP]; 1-1-31-204, Chuo, Joto-ku, Osaka-shi, Osaka 536-0005 (JP). **KISHIMOTO, Hirotsugu** [JP/JP]; 1-1 C17-206, Shinsenrikita-machi, Toyonaka-shi, Osaka 565-0081 (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) CA KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41590** (13) A1

(21) PCT/US98/02867

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) en (26) en

(31) 08/818,501 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09J 7/02**

(54) ● ADHESIVE ARTICLE WITH A POLYSTYRENE/STYRENE ELASTOMER FILM
● ARTICLE ADHESIF A SUBSTRAT DE POLYSTYRENE ET D'ELASTOMERE DE STYRENE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BARTUSIAK, Joseph, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PETERS, Carolyn, V.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41591** (13) A1

(21) PCT/US97/22049

(22) **8 Dec/déc 1997 (08.12.1997)**

(25) en (26) en

(31) 08/818,508 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09K 3/00, A61J 1/00**

(54) ● NOVEL USES OF HEPTAFLUOROPROPANE
● UTILISATIONS DE L'HEPTAFLUOROPROPANE

(71) **GREAT LAKES CHEMICAL CORPORATION** [US/US]; Highway 52 Northwest, P.O. Box 2200, West Lafayette, IN 47906 (US).

(72) **MAZAC, Charles, J.**; 3614 Capilano Drive West, West Lafayette, IN 47906 (US). **RUBACHA, John, S.**; 109 Blueberry Lane, West Lafayette, IN 47906 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41592** (13) A1

(21) PCT/US98/05175

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,655 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09K 3/00, 3/18, 7/06, 5/00**

(54) ● RETICULATED BACTERIAL CELLULOSE AS A RHEOLOGICAL MODIFIER FOR POLYOL FLUID COMPOSITIONS
● CELLULOSE BACTERIENNE RETICULEE UTILISEE COMME MODIFICATEUR RHEOLOGIQUE POUR COMPOSITIONS FLUIDES DE POLYOL

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

(72) **SKAGGS, C., Bryan**; 11390 Turtleback Lane, San Diego, CA 92127 (US). **SIFFERMAN, Thomas, R.**; 3051 Camino De Las Piedras, El Cajon, CA 92019 (US). **SWAZEY, John, M.**; 2013 Oliver Avenue, San Diego, CA 92109 (US). **DIAL, Harold, D.**; 11640 Avenida Marcella, El Cajon, CA 92019 (US). **RAKITSKY, Walter, G.**; 13946 Mennonite Point, San Diego, CA 92129 (US).

(74) **MANDRA, Raymond, R.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US) et al. / etc.

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41593** (13) A1

(21) PCT/US98/05093

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/041,075 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09K 3/10, B65D 41/04**

- (54) ● CONTAINER CLOSURE HAVING AN IMPROVED SEALING LINER
● CAPSULE DE CONTENANT MUNIE D'UN JOINT D'ETANCHEITE
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **KIRK, Allen, Gregg**; 16 Stone Crop Road, Wilmington, DE 19810 (US).
- (74) **EVANS, Craig, H.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41594** (13) A1

(21) PCT/US98/04583

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 60/039,614 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 08/869,109 (32) **4 Jun/juin 1997 (04.06.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C09K 7/02**

- (54) ● CONTROLLED HYDRATION OF STARCH IN HIGH DENSITY BRINE DISPERSION
● HYDRATATION DIRIGEE DE L'AMIDON DANS UNE DISPERSION DE SAUMURE DE HAUTE DENSITE

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **CHESSER, Billy, G.**; P.O. Box 252, Onalaska, TX 77360 (US). **MULLEN, Gregory, A.**; 2819 Roseheath Lane, Houston, TX 77073 (US). **CLARK, Dave**; 19107 Putting Green, Humble, TX 77346 (US).

(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

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

(11) **WO 98/41595** (13) A1

(21) PCT/US98/03057

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) 08/819,900 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C10G 11/05**

- (54) ● CATALYTIC CRACKING PROCESS
● PROCEDE DE CRAQUAGE CATALYTIQUE

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **KOWALSKI, Jocelyn, Anne**; 262 Dogwood Lane, Clarksboro, NJ 08020 (US).

(74) **ROBERTS, Peter, W.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41596** (13) A1

(21) PCT/EP98/01567

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 174.2 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C10G 53/08, C11B 3/10, B01D 15/00**

- (54) ● METHOD AND DEVICE FOR PURIFYING CONTAMINATED LIQUIDS

● PROCEDE ET DISPOSITIF POUR L'EPURATION DE LIQUIDES RENFERMANT DES IMPURETES

(71) **ÖHMI FORSCHUNG UND INGENIEUR-TECHNIK GMBH** [DE/DE]; Berliner Chaussee 66, D-39114 Magdeburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRANSFELD, Peter** [DE/DE]; Salvador-Allende-Strasse 5, D-39126 Magdeburg (DE). **BÖRNER, Gunter** [DE/DE]; Buchenweg 3, D-39171 Langenweddingen (DE). **SCHNEIDER, Matthias** [DE/DE]; Rothenseer Strasse 34 b, D-39126 Magdeburg (DE). **WETZEL, Rainer** [DE/DE]; Zum Bürgerpark 22, D-39579 Uenglingen (DE).

(74) **EINSEL, Martin**; Jasperallee 1a, D-38102 Braunschweig (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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41597** (13) A1

(21) PCT/EP98/01469

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 10 762.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C10G 70/00, C07C 7/00, 11/02**

- (54) ● PROCESS FOR PURIFYING MATERIAL FLOWS

● PROCEDE DE PURIFICATION DE FLUX DE MATIERES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLICK, Klemens** [DE/DE]; Am Bildstöckel 16, D-76863 Herxheim (DE). **MEISSNER, Ruprecht** [DE/DE]; Johann-Georg-Lehmann-Strasse 8, D-67273 Weisenheim (DE). **ARTRIP, David, J.** [US/US]; 38073 Seven Oaks Avenue, Prairieville, CA 73070769 (US). **KUNZ, Fabian** [DE/DE]; Von-Ketteler-Strasse 9, D-67112 Mutterstadt (DE). **HEFNER, Werner** [DE/DE]; In der Teichgewann 20, D-68623 Lampertheim (DE). **FESER, Rainer** [DE/DE]; Colgensteiner Weg 25, D-67269 Grünstadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41598** (13) A1

(21) PCT/JP98/01158

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/64128 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C10L 1/32**

- (54) ● HIGH-CONCENTRATION SOLID/WATER SLURRY AND PROCESS FOR PRODUCING THE SAME

● SUSPENSION EAU/MATIERES SOLIDES FORTEMENT CONCENTREE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Korabashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0034 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMURA, Toshio** [JP/JP]; Nipponshokubaishataku 504, 942-26, Mutsuuracho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032 (JP). **HAYASHI, Kenichiro** [JP/JP]; 12-16, Kashiaraenomotocho, Nishigyo-ku, Kyoto-shi, Kyoto 615-8135 (JP). **USUI, Hiromoto** [JP/JP]; Itamigoudoushukusha 1536, 1, Azanozue, Senzo, Itami-shi, Hyogo 664-0898 (JP). **SAEKI, Takashi** [JP/JP]; 7-72, Asakuracho, Yamaguchi-shi, Yamaguchi 753-0061 (JP).

(74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) AU CN ID US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41599** (13) A1

(21) PCT/US98/01678

(22) **27 Jan/jan 1998 (27.01.1998)**

(25) en (26) en

(31) 08/815,018 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C10M 133/06, 169/06**

- (54) ● GREASE CONTAINING DIAMINE CORROSION INHIBITORS

● GRAISSE CONTENANT DES INHIBITEURS DE CORROSION A BASE DE DIAMINE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

- (72) **ANDREW, David, L.**; Hungry Hollow Road, R.R. 1, Arkona, Ontario N0M 1B0 (CA). **SLACK, Brian, Leslie**; 1378 Giffel Road, Sarnia, Ontario N7S 3K9 (CA).
- (74) **ALLOCCA, Joseph, J.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
- (81) CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41600** (13) A1

(21) PCT/US98/05167

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,694 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C11D 1/62, D06M 13/46**

- (54) ● SUPER-CONCENTRATED LIQUID RINSE CYCLE FABRIC SOFTENING COMPOSITION
- COMPOSITION ASSOULISSANTE SUPER-CONCENTREE LIQUIDE POUR LE CYCLE DE RINÇAGE DU LINGE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **FAROOQ, Amjad**; 95 Prestbury Lane, Somerset, NJ 08873 (US). **MASTRULL, Jeffrey, Joseph**; 228 Fairfield Avenue, Middlesex, NJ 08846 (US).

(74) **LIEBERMAN, Bernard**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41601** (13) A1

(21) PCT/IB98/00317

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/819,281 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C11D 1/83, 3/20, 3/30, 3/22, 3/10**

- (54) ● IMPROVED COMPOSITIONS AND METHODS FOR REMOVING OILY OR GREASY SOILS
- PERFECTIONNEMENTS CONCERNANT DES COMPOSITIONS ET PROCÉDES D'ENLEVEMENT DE SOUILLURES HUILEUSES OU GRAISSEUSES

(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) **WIERENGA, Thomas, James** [US/US]; 7981 Jasmine Trail, Cincinnati, OH 45241 (US). **WEIKEL, James, August** [US/US]; 13 Applewood Drive, Fairfield, OH 45014 (US). **UNDERWOOD,**

David, Charles [US/US]; 8809 Hollyhock Drive, Cincinnati, OH 45231 (US).

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

(81) CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41602** (13) A1

(21) PCT/EP98/01419

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) PI 9701287-4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) BR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C11D 3/00, 3/37**

- (54) ● FABRIC LAUNDRY TREATMENT COMPOSITION
- COMPOSITION DE TRAITEMENT POUR LAVAGE DE TISSU

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(72) **HAQ, Ziya**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). **HOLT, Stuart, Peter, Robert**; 4 Manor Close, Shrivensham, Swindon, Wiltshire SN6 8AE (GB). **KILLEY, Adelle, Louise**; Unilever Research Port Sunlight, Quarry Road, Bebington, Wirral, Merseyside L63 3JW (GB). **PETRI, Carlos**; Industrias Gessy Lever Ltda, Avenida Maria Coelho Aguiar, 215, Bloco C, 2 andar, CEP-05805 São Paulo, SP (BR). **WHALEY, Christopher**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

(74) **MOLE, Peter, Geoffrey**; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

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

Published / Publiée : (c)

(11) **WO 98/41603** (13) A1

(21) PCT/EP98/01420

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) PI 9701287-4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) BR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C11D 3/00, 3/37, 3/50**

- (54) ● FABRIC LAUNDRY TREATMENT COMPOSITION
- COMPOSITION DE TRAITEMENT POUR LAVAGE DE TISSU

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(72) **HAQ, Ziya**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). **HOLT, Stuart, Peter, Robert**; 4 Manor Close, Shrivensham, Swindon, Wiltshire SN6 8AE (GB). **KILLEY, Adelle, Louise**; Unilever Research Port Sunlight, Quarry Road, Bebington, Wirral, Merseyside L63 3JW (GB). **PETRI, Carlos**; Industrias Gessy Lever Ltda, Av. Maria Coelho Aguiar 215, Bloco C, 2 andar, BR-05805 Sao Paulo (BR). **WHALEY, Christopher**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

(74) **MOLE, Peter, Geoffrey**; Unilever PLC, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

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

Published / Publiée : (c)

(11) **WO 98/41604** (13) A1

(21) PCT/US98/05208

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,697 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C11D 3/00, 3/37, 1/835**

- (54) ● METHOD OF PREPARING SUPER-CONCENTRATED FABRIC SOFTENING COMPOSITION
- PROCÉDE DE PRÉPARATION D'UNE COMPOSITION ADOUCISSANTE POUR TEXTILES SUPERCENTREE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **FAROOQ, Amjad**; 95 Prestbury Lane, Somerset, NJ 08873 (US). **MASTRULL, Jeffrey, Joseph**; 228 Fairfield Avenue, Middlesex, NJ 08846 (US).

(74) **LIEBERMAN, Bernard**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41605** (13) A1

(21) PCT/IB98/00373

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 97200777.7 (32) 14 Mar/mar 1997 (33) EP (14.03.1997)

(34) BE et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C11D 3/50, 7/26, 7/32

(54) ● FABRIC CARE COMPOSITIONS

- COMPOSITIONS POUR CONDITIONNEUR DE TISSUS

(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) **MASSCHELEIN, Axel** [BE/BE]; Rue Victor Allard 50, Boîte Postale 4, B-1180 Brussels (BE).
THOEN, Christiaan, Arthur, Jacques, Kamiel [BE/US]; 8485 Rupp Farm Drive, West Chester, OH 45069 (US).

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

(81) BR CA CN JP MX US.

(11) WO 98/41606 (13) A1

(21) PCT/US98/03806

(22) 18 Mar/mar 1998 (18.03.1998)

(25) en (26) en

(31) 60/040,809 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C11D 7/34

(54) ● METAL LOSS INHIBITORS AND PROCESSES THEREWITH
● INHIBITEURS DE PERTE METALLIQUE ET PROCÉDES ASSOCIÉS

(71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSTON, William, G.** [US/US]; 7875 Pelham Road, Allen Park, MI 48101 (US).

(74) **WISDOM, Norvell, E., Jr.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

(81) AU BR CA MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41607 (13) A1

(21) PCT/US97/04124

(22) 15 Mar/mar 1997 (15.03.1997)

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C11D 17/00, 3/50, 3/22

(54) ● DELIVERY SYSTEMS

- SYSTEMES DE DISTRIBUTION

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

(72) **SURUTZIDIS, Athanasios**; 3566 Hamilton-Mason Road, Hamilton, OH 45011 (US). **KVIETOK, Frank, Andrej**; 1103 Richwood Avenue, Cincinnati, OH 45208 (US). **BURCKETT-ST. LAURENT, James, C.**; 11477 Gideon Lane, Cincinnati, OH 45249 (US). **BURNS, Michael, Eugene**; 7132 Valley Falls Court, Hamilton, OH 45011 (US). **COOK, Thomas, Edward**; 4760 Chapelridge Drive, Cincinnati, OH 45223 (US). **MANOHAR, Sanjeev, Krishnadas**; 2014B Meadowlawn Way, Fairfield, OH 45014 (US). **RIZZI, George, Peter**; 542 Blossomhill Lane, Cincinnati, OH 45224 (US). **SHOWELL, Michael, Stanford**; 810 Finneytrail, Cincinnati, OH 45224 (US). **WATSON, Randall, Alan**; 14 Pendery Avenue, Cincinnati, OH 45215 (US). **GOSSELINK, Eugene, Paul**; 3754 Susanna Drive, Cincinnati, OH 45251 (US).

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

(81) BR CA CN CZ HU JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41608 (13) A1

(21) PCT/EP98/01289

(22) 2 Mar/mar 1998 (02.03.1998)

(25) en (26) en

(31) 9705346.6 (32) 14 Mar/mar 1997 (33) GB (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C11D 17/06

(54) ● LAVATORY CLEANSING COMPOSITIONS

- COMPOSITIONS DE NETTOYAGE POUR W.C.

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG US ZW)

(72, 75) **BARTOLETTI, Marcella, Margherita, Leda** [IT/IT]; Unilever Italia S.p.A., Divisione Lever Industriale, Via Lever Gibbs, I-20071 Casalpusterlengo (IT). **MORRIS, Ronald, Meredith** [GB/IT]; Unilever Italia S.p.A., Divisione Lever Industriale, Via Lever Gibbs, I-20071 Casalpusterlengo (IT). **TUMMILOLO, Roberto** [IT/IT]; Unilever Italia S.p.A., Divisione Lever Industriale, Via Lever Gibbs, I-20071 Casalpusterlengo (IT).

(74) **TANSLEY, Sally, Elizabeth**; Unilever PLC, Patent Dept., Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

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

Published / Publiée : (c)

(11) WO 98/41609 (13) A1

(21) PCT/US98/05693

(22) 20 Mar/mar 1998 (20.03.1998)

(25) en (26) en

(31) 08/826,429 (32) 20 Mar/mar 1997 (33) US (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12M 1/26, 1/22, 1/20

(54) ● MICROPATHOLOGICAL PATIENT REPLICA BASED ON UNADULTERATED WHOLE BLOOD

- REPLIQUE MICROPATHOLOGIQUE DE PATIENT A BASE DE SANG ENTIER NON DENATURE

(71, 72) **BARNES, Allen, C.** [US/US]; Suite 410, 400 Newport Center Drive, Newport Beach, CA 92660 (US). **BARNES, Janice, S.** [US/US]; Suite 410, 400 Newport Center Drive, Newport Beach, CA 92660 (US).

(74) **KIRCHANSKI, Stefan, K.** et al. / etc.; Graham & James LLP, 6th floor, 650 Town Center Drive, Costa Mesa, CA 92626-1925 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) WO 98/41610 (13) A2

(21) PCT/CA98/00212

(22) 17 Mar/mar 1998 (17.03.1998)

(25) en (26) en

(31) 2,200,116 (32) 17 Mar/mar 1997 (33) CA (17.03.1997)

(31) 2,227,317 (32) 16 Jan/jan 1998 (33) CA (16.01.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12M 1/32

(54) ● METHOD AND APPARATUS FOR AUTOMATICALLY INOCULATING CULTURE MEDIA WITH BACTERIAL SPECIMENS FROM CLINICAL SPECIMEN CONTAINERS

- PROCÉDE ET APPAREIL DESTINÉS A INOCULER AUTOMATIQUEMENT DES SPECIMENS DE BACTERIES A DES MILIEUX DE CULTURE A PARTIR DE RECIPIENTS CONTENANT DES SPECIMENS CLINIQUES

(71) **CANADIAN SPACE AGENCY** [CA/CA]; 6767 Route de l'Aéroport, Saint-Hubert, Quebec J3Y 8Y9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NACCARATO, Frank** [CA/CA]; 40 White Pine Avenue, Toronto, Ontario M4B 3A1 (CA). **BORNATH, Anne, M., C.** [CA/CA]; 152 Melrose Avenue, King City, Ontario L7B 1J6 (CA). **MAZILU, Georgeta** [CA/CA]; 102 McClintock Crescent, Thornhill, Ontario L4J 2T1 (CA).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/41611 (13) A1

(21) PCT/US98/05398

(22) 19 Mar/mar 1998 (19.03.1998)

(25) en (26) en

(31) 60/041,162 (32) 20 Mar/mar 1997 (33) US (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12M 3/02, 1/36, C12N 5/00 // 5/20

- (54) ● PROCESS FOR THE CONTINUOUS CULTURE OF CELLS
● PROCÉDE DE CULTURE DE CELLULES EN CONTINU

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 100 Church Street S.E., Minneapolis, MN 55455 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HU, Wei-Shou** [US/US]; 1810 Howell Street, Falcon Heights, MN 55113 (US). **EUROPA, Anna, F.** [PH/US]; Apartment 103, 1015 Essex Street S.E., Minneapolis, MN 55414 (US).

(74) **SANDBERG, Victoria, A.**; Mueiting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41612** (13) A1

(21) PCT/US98/05279

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/040,614 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 1/20, C12S 13/00

- (54) ● CERCOSPORIN-DEGRADING BACTERIA
● BACTERIES DEGRADANT LA CERCOSPORINE

(71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 103 Bynum Hall, Campus Box 7003, Raleigh, NC 27695-7003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAUB, Margaret, E.** [US/US]; 1208 Chaney Road, Raleigh, NC 27606 (US). **MITCHELL, Thomas, K.** [US/US]; 104 Highfalls Court, Apex, NC 27502 (US).

(74) **BENNETT, Virginia, C.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (a)

(11) **WO 98/41613** (13) A1

(21) PCT/US98/03797

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/815,030 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 5/00, 15/79, 15/63, 15/09, 5/10, 15/00

(54) ● TARGETED CYTOLYSIS OF CANCER CELLS

- CYTOLYSE CIBLEE DE CELLULES CANCÉREUSES

(71, 72) **OTTEN, Gillis, R.** [US/US]; 35 Williams Lane, Foster City, CA 94404 (US). **GREENBURG, Gary, B.** [US/US]; 221 Palm Avenue, Millbrae, CA 94030 (US). **CASENTINI-BOROCZ, Denise** [US/US]; 620 Pullman Road, Hillsborough, CA 94010 (US). **FINER, Mitchell, H.** [US/US]; 54 Mader Avenue, San Carlos, CA 94070 (US).

(74) **NAKAMURA, Dean, H.** et al. / etc.; Sughrie, Mion, Zinn, Macpeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41614** (13) A1

(21) PCT/US98/05086

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,931 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US(31) 60/050,102 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 5/00

- (54) ● A NON-HUMAN MAMMAL DEFICIENT IN THE TIAR GENE
● ALTERATION DANS LE GENE TIAR CHEZ UN MAMMIFERE NON HUMAIN

(71) **DANA-FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(72) **STREULI, Michel**; 115 Lancaster Terrace, Brookline, MA 02146 (US). **ANDERSON, Paul**; 45 Amherst Road, Belmont, MA 02178 (US). **BECK, Andreas**; Isrec, 155, chemin des Bouveresses, CH-1066 Epalinge (CH).

(74) **FRASER, Janis, K.**; Fish and Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41615** (13) A1

(21) PCT/US98/05376

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/821,984 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 5/00, 5/10, 5/16, 15/00, 15/09

- (54) ● METHODS FOR CREATING TRANSGENIC ANIMALS
● PROCÉDES PERMETTANT DE PRODUIRE DES ANIMAUX TRANSGENIQUES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705-7365 (US).

(72) **BREMEL, Robert, D.**; E3352 Chapel Road, Hillpoint, WI 53937 (US). **CHAN, Anthony, W., S.**; Apartment #9, 150 Ninth Street, Prairie du Sac, WI 53578 (US). **BURNS, Jane, C.**; 6506 El Camino del Teatro, La Jolla, CA 92037 (US).

(74) **MACKNIGHT, Kamrin, T.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41616** (13) A1

(21) PCT/US97/04428

(22) **20 Mar/mar 1997 (20.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 5/04, 5/14, 9/00, 9/04, 15/09, 15/29, 15/82, A01H 1/00, 3/00, 4/00, 5/00

- (54) ● MAMMALIAN ALCOHOL DEHYDROGENASE AND ALDEHYDE DEHYDROGENASE PRODUCTION IN PLANTS

- PRODUCTION D'ALCOOL DESHYDROGENASE ET D'ALDEHYDE DESHYDROGENASE DE MAMMIFERE DANS DES VEGETAUX

(71) **GEL TECH GROUP INC.** [US/US]; 545 West 37th Street, Miami Beach, FL 33140 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HICKMAN, Suzanne** [US/US]; 499 Fort Washington Avenue, New York, NY 10033 (US). **LOIKE, John, D.** [US/US]; 179-20 Tudor Road, Jamaica, NY 11432 (US). **HOLZER, David** [US/US]; 545 West 37th Street, Miami Beach, FL 33140 (US).

(74) **JACOBS, James, David** et al. / etc.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41617** (13) A1

(21) PCT/SE98/00475

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9700983-1 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 5/08, C07K 14/62

- (54) ● STIMULATION, CULTURE AND PRESERVATION OF PANCREATIC AND OTHER CELLS

- STIMULATION, CULTURE ET PRESERVATION DE CELLULES PANCREATIQUES ET D'AUTRES CELLULES
- (71) **ASCENDIA AB** [SE/SE]; Turebergsvägen 5, 3tr, S-191 47 Sollentuna (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÅNSSON, Per** [SE/SE]; Porsvägen 4, S-191 48 Sollentuna (SE). **LUNDIN, Tomas** [SE/SE]; PL 2401, S-199 93 Enköping (SE).
- (74) **MIKSCHÉ, Gerhard**; Conimar AB, P.O. Box 2086, S-141 02 Huddinge (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41618** (13) A1
(21) PCT/US98/03879
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 60/040,703 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(31) 60/054,112 (32) **29 Jul/juillet 1997 (29.07.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 7/00, 7/02**
(54) ● METHOD FOR THE PURIFICATION OF VIRUS
● PROCÉDE DE PURIFICATION DE VIRUS
(71) **UAB RESEARCH FOUNDATION** [US/US]; 1120G Administration Building, 701 20th Street South, Birmingham, AL 35294-0111 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CURIEL, David, T.** [US/US]; 824 Lindwood Road, Birmingham, AL 35222 (US). **KRASNYKH, Victor** [RU/US]; 1832 F Arboreteum Circle, Birmingham, AL 35216 (US). **DIMITRIEV, Igor** [RU/US]; Apartment 2, 1318 11th Avenue South, Birmingham, AL 35205 (US).
(74) **COGEN, Ellen, S.** et al. / etc.; Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009-5394 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41619** (13) A1
(21) PCT/GB98/00798
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 9705669.1 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 7/04, A61K 39/13**
(54) ● ATTENUATED POLIOVIRUSES

- POLIOVIRUS ATTENUÉES
- (71) **BRITISH TECHNOLOGY GROUP LIMITED** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MINOR, Philip, David** [GB/GB]; 8 Grove Road, Finchley, London N12 9DY (GB). **MACADAM, Andrew, Joseph** [GB/GB]; 28 Seymour Road, London N8 0BE (GB). **ALMOND, Jeffrey, William** [GB/GB]; Greenbank, Chalkhouse Green, Reading RG4 9AH (GB).
- (74) **PERCY, Richard, Keith**; Patents Division, British Technology Group Limited, 10 Fleet Place, London EC4M 7SB (GB).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41620** (13) A2
(21) PCT/US98/04686
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 08/818,223 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 15/00**
(54) ● TRANSGENIC MICE CONTAINING A NUCLEIC ACID ENCODING TUMOR NECROSIS FACTOR- α UNDER THE CONTROL OF A CARDIAC SPECIFIC REGULATORY REGION
● SOURIS TRANSGENIQUES CONTENANT UN ACIDE NUCLEIQUE CODANT LE FACTEUR α NECROSANT DES TUMEURS SOUS LE CONTROLE D'UNE REGION REGULATRICE SPECIFIQUE CARDIAQUE
(71) **UNIVERSITY OF PITTSBURGH** [US/US]; 911 William Pitt Union, Pittsburgh, PA 15260 (US).
(72) **MCTIERNAN, Charles, F.**; 130 Martsolf Avenue, West View, PA 15229 (US). **FELDMAN, Arthur, M.**; 140 Riding Trail Lane, Fox Chapel, PA 15215 (US). **KUBOTA, Toru**; Apartment C605, 401 Shady Avenue, Pittsburgh, PA 15206 (US). **FRYE, Carole**; 671 Sloop Road, Pittsburg, PA 15237 (US).
(74) **SEIDE, Rochelle, K.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41621** (13) A1
(21) PCT/US98/05350
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 60/041,300 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 15/00**
(54) ● ASPERGILLUS FUMIGATUS AUXOTROPHS, AUXOTROPHIC MARKERS AND POLYNUCLEOTIDES ENCODING SAME

- AUXOTROPHES D'ASPERGILLUS FUMIGATUS, MARQUEURS AUXOTROPHES ET POLYNUCLEOTIDES CODANT POUR CEUX-CI
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139-4815 (US).
- (72) **GAVRIAS, Vicky**; 10 Breton Road, Upton, MA 01568 (US).
- (74) **MULLINS, J., G.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (m); 10 Aug/août 1998 (10.08.1998)

- (11) **WO 98/41622** (13) A1
(21) PCT/DK98/00103
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 0306/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DK
(31) 0433/97 (32) **17 Apr/avr 1997 (17.04.1997)** (33) DK
(31) 0623/97 (32) **30 May/mai 1997 (30.05.1997)** (33) DK
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 15/10, C12Q 1/68 // C12N 9/00**
(54) ● METHOD FOR CONSTRUCTING A LIBRARY USING DNA SHUFFLING
● METHODE DE CONSTITUTION D'UNE BIBLIOTHEQUE PAR REARRANGEMENT D'ADN
(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
(72) **BORCHERT, Torben, Vedel**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsvaerd (DK). **KRETZSCHMAR, Titus**; Kasperlmühlstrasse 6, D-81739 Munich (DE). **CHERRY, Joel, R.**; 916 Anderson Road, Davis, CA 95616 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41623** (13) A1
(21) PCT/DK98/00105
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 0304/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DK
(31) 0432/97 (32) **17 Apr/avr 1997 (17.04.1997)** (33) DK
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C12N 15/10, C12Q 1/68**
(54) ● SHUFFLING OF HETEROLOGOUS DNA SEQUENCES
● REARRANGEMENT DE SEQUENCES D'ADN HETEROLOGUES

- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
- (72) **BORCHERT, Torben, Vedel**; Smakkevej 1, DK-4040 Jyllinge (DK). **KRETSCHMAR, Titus**; Kasperlmühlstrasse 6, D-81739 Munich (DE). **CHERRY, Joel, R.**; 916 Anderson Road, Davis, CA 95616 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41624** (13) A1

(21) PCT/IL98/00125

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 120485 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IL

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12N 15/12, 15/70, 15/86, 5/10, 1/21, C07K 14/47, 16/18, C12Q 1/68, G01N 33/50, A61K 38/17, 31/70**

(54) ● MODULATORS OF THE FUNCTION OF RECEPTORS OF THE TNF/NGF RECEPTOR FAMILY

● MODULATEURS DE LA FONCTION DE RECEPTEURS DE LA FAMILLE DES RECEPTEURS DES FACTEURS TNF OU NGF

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLACH, David** [IL/IL]; Borochoy Street 24, 76406 Rehovot (IL). **KOVALENKO, Andrei** [RU/IL]; Beit Clore, Weizmann Institute of Science, 76100 Rehovot (IL).

(74) **EINAV, Henry**; Inter-Lab Ltd., Science-based Industrial Park, Kiryat Weizmann, 76110 Ness-Ziona (IL).

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

Published / Publiée : (c)

(11) **WO 98/41625** (13) A1

(21) PCT/IT98/00064

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) RM97A000156 (32) **20 Mar/mar 1997 (20.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12N 15/12, C07K 14/475, A61K 38/18, C12N 1/21, A61K 47/30**

(54) ● VARIANTS OF CILIARY NEUROTROPHIC FACTOR WITH ENHANCED RECEPTOR SELECTIVITY AND METHOD FOR THEIR SELECTION

● VARIANTS DU FACTEUR NEUROTROPHIQUE CILIAIRE AVEC SELECTIVITE AMELIOREE DU RECEPTEUR, ET PROCEDE POUR LES SELECTIONNER

(71) **ISTITUTO DI RICERCA DI BIOLOGIA MOLECOLARE P. ANGLETTI S.P.A.** [IT/IT]; Via Pontina Km. 30,600, I-00040 Pomezia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GLOAGUEN, Isabelle** [IT/IT]; Via Lammarmora, 54, I-00040 Pomezia (IT). **DI MARCO, Annalisa** [IT/IT]; Via Ugo Foscolo, 5, I-02100 Rieti (IT). **DE MARTIS, Anna** [IT/IT]; Via Leopoldo Ruspoli, 64, I-00149 Roma (IT). **LAUFER, Ralph** [IT/IT]; Via Montagne Rocciose, 68, I-00144 Roma (IT). **SAGGIO, Isabella** [IT/IT]; Via dei Cartari, 5, I-00186 Roma (IT).

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

(81) AU CA CN IL JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41626** (13) A1

(21) PCT/US98/04079

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 60/041,328 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) 60/071,097 (32) **9 Jan/jan 1998 (09.01.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12N 15/12, 12/64, G01N 33/53, C12Q 1/48, 1/68, C07K 14/435, A61K 38/16**

(54) ● A NOVEL Bak BINDING PROTEIN, DNA ENCODING THE PROTEIN, AND METHODS OF USE THEREOF

● NOUVELLE PROTEINE LIANTE Bak. ADN CODANT CETTE PROTEINE ET PROCEDES D'UTILISATION DE CETTE PROTEINE

(71) **LXR BIOTECHNOLOGY INC.** [US/US]; 1401 Marina Way South, Richmond, CA 94804 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIEFER, Michael, C.** [US/US]; 401 Wright Court, Clayton, CA 94517 (US). **FITZPATRICK, Paul, A.** [US/US]; 725 Gateview Drive, Albany, CA 94706 (US). **GIBSON, Helen, L.** [US/US]; 87 Donna Way, Oakland, CA 94607 (US). **BARR, Philip, J.** [US/US]; 5602 Denton Place, Oakland, CA 94619 (US).

(74) **WILKE, Kathryn, P.**; LXR Biotechnology Inc., 1401 Marina Way South, Richmond, CA 94804 (US) et al. / etc.

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

(11) **WO 98/41627** (13) A1

(21) PCT/US98/05251

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/039,631 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12N 15/12, 15/62, C07K 14/47, C12N 5/10, C07K 16/18, G01N 33/53, C12Q 1/68**

(54) ● SECRETED POLYPEPTIDES WITH HOMOLOGY TO XENOPUS CEMENT GLAND PROTEINS

● POLYPEPTIDES SECRETES PRESENTANT UNE HOMOLOGIE AVEC LES PROTEINES DE LA GLANDE CEMENTAIRE DU XENOPUS

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **SHEPPARD, Paul, O.**; 20717 N.E. 2nd Street, Redmond, WA 98053 (US).

(74) **LINGENFELTER, Susan, E.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41628** (13) A1

(21) PCT/US98/05255

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,263 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12N 15/12, C07K 14/47, A61K 38/17, C07K 16/18, C12Q 1/68, C12N 15/62, 15/11, G01N 33/50**

(54) ● SECRETED SALIVARY ZSIG32 POLYPEPTIDES

● POLYPEPTIDES ZSIG32 SALIVAIRES SECRETES

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **SHEPPARD, Paul, O.**; 20717 N.E. 2nd Street, Redmond, WA 98053 (US).

(74) **LINGENFELTER, Susan, E.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41629** (13) A2

(21) PCT/US98/05377

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,846 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

- (31) 60/054,021 (32) **29 Jul/juillet 1997** (33) US (29.07.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/715, 16/28, A61K 38/17, 39/395, C12N 15/62**
- (54) ● DEATH DOMAIN CONTAINING RECEPTOR 5
● RECEPTEUR 5 CONTENANT UN DOMAINE DE MORT
- (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NI, Jian** [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US). **GENTZ, Reiner, L.** [DE/US]; 13404 Fairland Park Drive, Silver Spring, MD 20904 (US). **YU, Guo-Liang** [CN/US]; 13524 Straw Bale Lane, Darnestown, MD 20878 (US). **SU, Jeffrey, Y.** [CA/US]; 443 West Side Drive #304, Gaithersburg, MD 20878 (US). **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hills Road, Laytonsville, MD 20882 (US).
- (74) **BROOKES, A., Anders** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41630** (13) A1
- (21) PCT/US98/05452
- (22) **19 Mar/mars 1998 (19.03.1998)**
- (25) en (26) en
- (31) 08/821,009 (32) **19 Mar/mars 1997** (33) US (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, C12N 15/11, A61K 38/17, G01N 33/50**
- (54) ● HISTONE-LIKE PROTEIN (HLP)
● PROTEINE HISTONOIDE (HLP)
- (63) US 08/821,009 (CIP)
19 Mar/mars 1997 (19.03.1997)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **ZHANG, Hong** [CN/US]; 5304 Tacoma Common, Fremont, CA 94555 (US).
- (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/41631** (13) A2
- (21) PCT/US98/05506
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- (22) **20 Mar/mars 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/821,355 (32) **20 Mar/mars 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/47, C12Q 1/68, G01N 33/50, A61K 38/17, 48/00**
- (54) ● β -CATENIN, TCF-4, AND APC INTERACT TO PREVENT CANCER
● INTERACTION DE β -CATENINE, Tcf-4 ET POLYPOSE RETRO-COLIQUE FAMILIALE POUR PREVENIR UN CANCER
- (71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US). **UTRECHT UNIVERSITY** [NL/NL]; Heidelberglaan 100, NL-3584 CX Utrecht (NL).
- (72) **BARKER, Nick**; Parkstraat II, NL-3581 PB Utrecht (NL). **CLEVERS, Hans**; Ruysdaellaan 7, NL-3712 AP Huis ter Heide (NL). **KINZLER, Kenneth, W.**; 1403 Halkirk Way, Belair, MD 21015 (US). **KORINEK, Vladimir**; Kaplicka 49/856, 140 000 Prague 4 (CZ). **MORIN, Patrice, J.**; 10335 G Malcolm Circle, Columbia, MD 21030 (US). **SPARKS, Andrew, B.**; 10 Breton Hill Road - 3A, Baltimore, MD 21208 (US). **VOGELSTEIN, Bert**; 3700 Breton Way, Baltimore, MD 21208 (US).
- (74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41632** (13) A1
- (21) PCT/US98/05697
- (22) **20 Mar/mars 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/822,262 (32) **20 Mar/mars 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/47, A61K 38/18, C12Q 1/68, C07K 16/22 // C12N 15/11, 15/62, 9/00, G01N 33/53**
- (54) ● HUMAN TUMOR SUPPRESSOR
● SUPPESSEUR DE TUMEUR HUMAINE
- (63) US 08/822,262 (CIP)
20 Mar/mars 1997 (20.03.1997)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US).
- (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41633** (13) A1
- (21) PCT/US98/05699
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- (22) **20 Mar/mars 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/822,261 (32) **20 Mar/mars 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/47, 16/18, A61K 38/17, C12Q 1/68**
- (54) ● HUMAN PANCREATITIS-ASSOCIATED PROTEIN, PAP-2
● PROTEINE HUMAINE ASSOCIEE A LA PANCREATITE, PAP-2
- (63) US 08/822,261 (CIP)
20 Mar/mars 1997 (20.03.1997)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US).
- (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41634** (13) A1
- (21) PCT/US98/05700
- (22) **20 Mar/mars 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/822,259 (32) **20 Mar/mars 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/12, C07K 14/475, A61K 38/18, C12Q 1/68, C07K 16/22 // C12N 15/62, 9/00, 15/11**
- (54) ● HUMAN GROWTH AND DIFFERENTIATION PROTEIN
● PROTEINE DE DIFFERENCIATION ET DE CROISSANCE HUMAINE
- (63) US 08/822,259 (CIP)
20 Mar/mars 1997 (20.03.1997)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILDE, Craig, G.** [US/US]; 1239 Mandarin Drive, Sunnyvale, CA 94087 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 9513 (US).
- (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41635** (13) A1
- (21) PCT/US98/06066

(22) 20 Mar/mar 1998 (20.03.1998)

(25) en (26) en

(31) 08/822,260 (32) 20 Mar/mar 1997 (33) US (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/12, C07K 14/82, 16/32, C12Q 1/68, C12N 15/11, A61K 38/17, G01N 33/68

(54) ● HUMAN TUMORIGENESIS ASSOCIATED PROTEIN, HTAP

● PROTEINE ASSOCIEE A LA TUMOROGENESE HUMAINE, HTAP

(63) US 08/822,260 (CON) 20 Mar/mar 1997 (20.03.1997)

(71) INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). GOLI, Surya, K. [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US).

(74) BILLINGS, Lucy, J.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41636 (13) A2

(21) PCT/CA98/00214

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 60/040,722 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/31, C07K 14/245, C12N 15/70, 1/21, 15/62, C07K 19/00, 16/12, C12N 5/12

(54) ● REPLICATION GENES AND GENE PRODUCTS FROM SMALL CRYPTIC PLASMIDS AND METHODS FOR CONSTRUCTING HIGH-COPY NUMBER PLASMID VECTORS

● GENES DE REPLICATION ET PRODUITS GENIQUES EXTRAITS DE PETITS PLASMIDES CRYPTIQUES; PROCÉDES DE CONSTRUCTION DE VECTEURS PLASMIDIQUES A TAUX DE REPLICATION ELEVE

(71, 72) BURIAN, Jan [SK/CA]; Apartment A5, 445 S.W. Marine Drive, Vancouver, British Columbia V5X 2R9 (CA). KAY, William, W. [CA/CA]; 3620 Cadboro Bay Road, Victoria, British Columbia V8R 5K8 (CA).

(74) NASSIF, Omar, A. et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

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

(11) WO 98/41637 (13) A1

(21) PCT/US98/05136

(22) 17 Mar/mar 1998 (17.03.1998)

(25) en (26) en

(31) 08/819,395 (32) 17 Mar/mar 1997 (33) US (17.03.1997)

(31) 08/948,195 (32) 9 Oct/oct 1997 (33) US (09.10.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/52, 9/00, A61K 38/43

(54) ● CDNA ENCODING A HUMAN ATP SYNTHASE FO SUBUNIT D (ASYSD)(AS AMENDED)

● ADN C CODANT UNE SOUS-UNITE D D'ATP SYNTHASE FO HUMAINE (ASYSD) (COMME MODIFIE)

(63) US 08/819,395 (CIP) 17 Mar/mar 1997 (17.03.1997)

(71) INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). GOLI, Surya, K. [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US).

(74) BILLINGS, Lucy, J.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41638 (13) A1

(21) PCT/GB98/00777

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

(31) 9705462.1 (32) 17 Mar/mar 1997 (33) GB (17.03.1997)

(31) 9712826.8 (32) 19 Jun/juin 1997 (33) GB (19.06.1997)

(31) 9717253.0 (32) 15 Aug/août 1997 (33) GB (15.08.1997)

(31) 943,667 (32) 3 Oct/oct 1997 (33) US (03.10.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/54, 9/12, 5/10, C07K 16/40, C12Q 1/48

(54) ● PHOSPHATIDYL-3,4,5-TRIPHOSPHATE-DEPENDENT PROTEIN KINASE

● PROTEINE KINASE A ACTIVITE DEPENDANTE DU PHOSPHATIDYL-3,4,5-TRIPHOSPHATE

(71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).

(72) ALESSI, Dario, Renato; 309 Perth Road, Dundee DD2 1LG (GB).

(74) BASSETT, Richard; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

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

Published / Publiée : (c)

(11) WO 98/41639 (13) A1

(21) PCT/US98/04547

(22) 9 Mar/mar 1998 (09.03.1998)

(25) en (26) en

(31) 08/818,024 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/54, 9/12, C12Q 1/68, A61K 38/45, C07K 16/40(54) ● SERINE/THREONINE PROTEIN KINASE
● SERINE/THREONINE PROTEINE KINASE

(63) US 08/818,024 (CIP) 14 Mar/mar 1997 (14.03.1997)

(71) INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BANDMAN, Olga [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). GUEGLER, Karl, J. [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 9054 (US).

(74) BILLINGS, Lucy, J.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) WO 98/41640 (13) A1

(21) PCT/US98/05156

(22) 17 Mar/mar 1998 (17.03.1998)

(25) en (26) en

(31) 08/819,458 (32) 17 Mar/mar 1997 (33) US (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ C12N 15/64, C12P 21/02, C12N 1/14 // C12R 1/69

(54) ● METHODS FOR PRODUCING POLYPEPTIDES IN RESPIRATORY-DEFICIENT CELLS

● PROCÉDES DE PRODUCTION DE POLYPEPTIDES DANS DES CELLULES PRESENTANT UNE DEFICIENCE RESPIROTOIRE

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK). NOVO NORDISK BIOTECH, INC. [US/US]; 1445 Drew Avenue, Davis, CA 95616 (US).

(72) JENSEN, Ejner, Bech; Bernhard Olsensvej 16, DK-2830 Virum (DK). CHERRY, Joel, R.; 916 Anderson Road, Davis, CA 95616 (US). ELROD, Susan, L.; 2415 Whittier Drive, Davis, CA 95616 (US).

- (74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LU LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41641** (13) A1
- (21) PCT/US98/05453
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/041,437 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/70, C07K 19/00, C12N 1/21, C07K 16/28, C12N 15/62, A61K 47/48, G01N 33/577, 33/68, A61K 51/10**
- (54) ● RECOMBINANT ANTIBODIES AND IMMUNOCONJUGATES TARGETED TO CD-22 BEARING CELLS AND TUMORS
- ANTICORPS DE RECOMBINAISON ET IMMUNOCONJUGUES CIBLES SUR DES CELLULES ET TUMEURS SERVANT DE SUPPORT A CD-22

- (71) **THE GOVERNMENT OF THE UNITED STATES** as represented by **THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Bethesda, MD 20892 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FITZGERALD, David** [US/US]; 1202 Azalea Drive, Rockville, MD 20852 (US). **PASTAN, Ira** [US/US]; 11710 Beall Mountain Road, Potomac, MD 20892-4255 (US). **MANSFIELD, Elizabeth** [US/US]; Apartment 408, 4710 Bethesda Avenue, Bethesda, MD 20814 (US). **KREITMAN, Robert** [US/US]; 11915 Reynolds Avenue, Potomac, MD 20854 (US).

- (74) **WEBER, Ellen, L.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41642** (13) A1
- (21) PCT/EP98/01522
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 97200765.2 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/82, 15/29, A01H 5/00**

- (54) ● METHOD AND MEANS FOR MODULATING PLANT CELL CYCLE PROTEINS AND THEIR USE IN PLANT CELL GROWTH CONTROL

- PROCEDE ET MOYENS DE MODULATION DES PROTEINES DU CYCLE CELLULAIRE DES PLANTES ET UTILISATION DE CES MOYENS POUR CONTROLER LA CROISSANCE CELLULAIRE DES PLANTES

- (71) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE** [BE/BE]; Rijvischestrat 118, B-9052 Zwijnaarde (BE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **INZE, Dirk** [BE/BE]; Driesstraat 18, B-9310 Moorsel-Aalst (BE). **SEGBERS, Gerda** [BE/BE]; Lentestraat 21, B-9000 Gent (BE). **DE VEYLLER, Lieven** [BE/BE]; Popperodriedes 42, B-9300 Aalst (BE). **MIRONOV, Vladimir** [RU/BE]; Gentbruggestraat 142, B-9040 Gent (BE).

- (74) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE**; Rijvischestrat 118, B-9052 Zwijnaarde (BE).

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

Published / Publiée : (c)

- (11) **WO 98/41643** (13) A1
- (21) PCT/GB98/00833
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 9705694.9 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/82, 15/56, A01H 5/00**

- (54) ● EXPRESSION CONTROL POLYNUCLEOTIDES
- POLYNUCLEOTIDES DE REGULATION D'EXPRESSION

- (71) **SCOTTISH CROP RESEARCH INSTITUTE** [GB/GB]; Invergowie, Dundee DD2 5DA (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MACHRAY, Gordon, Cameron** [GB/GB]; 2 Jedburgh Road, Dundee DD2 1BB (GB). **HEDLEY, Peter** [GB/GB]; "Morar", Church Lane, Errol PH2 7PX (GB). **MEYER, Rhonda** [DE/GB]; 41 Loons Road, Dundee DD3 6AB (GB). **MADISON, Anne** [GB/GB]; Middle Ludmill Farm, Farmley Tyas, Huddersfield HD4 6UP (GB).

- (74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

Published / Publiée : (c)

- (11) **WO 98/41644** (13) A1
- (21) PCT/NL98/00154
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) en (26) en

- (31) 08/820,479 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C12N 15/86, 15/87, 15/64, 5/06**

- (54) ● METHODS AND COMPOSITIONS FOR GENETICALLY MODIFYING PRIMATE BONE MARROW CELLS

- PROCEDES ET COMPOSITIONS DESTINES A MODIFIER GENETIQUEMENT DES CELLULES MEDULLAIRES DE PRIMATE

- (71) **INTROGENE B.V.** [NL/NL]; Wassenaarseweg 72, NL-2333 AL Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **VALERIO, Domenico** [NL/NL]; Gerbrandylaan 12, NL-2314 EZ Leiden (NL). **VAN BEUSECHEM, Victor, Willem** [NL/NL]; Rustenburgerstraat 362-H, NL-1072 HE Amsterdam (NL).

- (74) **SMULDERS, Th., A., H., J.**; Verenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

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

Published / Publiée : (c)

- (11) **WO 98/41645** (13) A1
- (21) PCT/US98/03935
- (22) **9 Mar/mar 1998 (09.03.1998)**
- (25) en (26) en
- (31) 08/819,866 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (31) 09/023,715 (32) **13 Feb/fév 1998 (13.02.1998)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **C12N 15/90, 15/85, C12Q 1/68, C12N 5/10, 9/12, 15/13, C07K 16/28, C12N 15/12, C07K 14/705, G01N 33/53, C12N 15/62, C07K 19/00**

- (54) ● METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN CELLS VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING THE SAME

- PROCEDE POUR INTEGRER DES GENES A DES SITES SPECIFIQUES DANS DES CELLULES DE MAMMIFERE PAR RECOMBINAISON HOMOLOGUE ET VECTEURS UTILISES POUR LA MISE EN OEUVRE DE CE PROCEDE

- (71) **IDEC PHARMACEUTICALS CORPORATION** [US/US]; 11011 Torreyana Road, San Diego, CA 92121 (US).

- (72) **REFF, Mitchell, E.**; 4166 Combe Way, San Diego, CA 92122 (US). **BARNETT, Richard, Spence**; 306 Belmont Court, San Marcos, CA 92069 (US). **McLACHLAN, Karen, Retta**; Apartment B6, 766 South Nardo, Solana Beach, CA 92075 (US).

- (74) **GESS, E., Joseph** et al. / etc.; Burns, Doane, Swecker & Mathis L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41646** (13) A1
 (21) PCT/CH98/00094
 (22) **9 Mar/mar 1998 (09.03.1998)**
 (25) de (26) de
 (31) 647/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) CH
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12P 7/06, A23K 1/00, C12M 1/107**
 (54) ● METHOD FOR USING A VEGETABLE BIOMASS AND A SCREW PRESS TO CARRY OUT SAID METHOD
 ● PROCEDE DE VALORISATION D'UNE BIOMASSE VEGETALE ET PRESSE A VIS POUR LA MISE EN OEUVRE DE CE PROCEDE
 (71) **2B AG [CH/CH]**; Neugutstrasse 66, CH-8600 Dübendorf (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HANSEN, Graeme [IE/CH]**; Kettbergstrasse 22, CH-8049 Zürich (CH). **GRASS, Stefan [AT/CH]**; Bächlerstrasse 41, CH-8046 Zürich (CH).
 (74) **SCHMAUDER & PARTNER AG**; Zwängiweg 7, CH-8038 Zürich (CH).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41647** (13) A1
 (21) PCT/EP98/01467
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) de (26) de
 (31) A 468/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) AT
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12P 7/26, 7/24, 7/38, 17/14, 41/00**
 (54) ● PROCESS FOR THE SELECTIVE ENZYMA-TIC HYDROXYLATION OF ALDEHYDES AND KETONES
 ● PROCEDE D'HYDROXYLATION ENZYMA-TIQUE SELECTIVE D'ALDEHYDES ET DE CETONES
 (71) **DSM CHEMIE LINZ GMBH [AT/AT]**; St. Peter-Strasse 25, A-4021 Linz (AT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **STÜTZ-DE RAADT, Anna [AT/AT]**; Triesterstrasse 130a, A-8020 Graz (AT). **GRIENGL, Herfried [AT/AT]**; Argenotstrasse 23, A-8047 Graz (AT). **KOPPER, Irene [AT/AT]**; Rosenberger Ampasserhof, Peerhöfe 7, A-6020 Innsbruck (AT). **KLINGLER, Markus [AT/AT]**; Schibbogenweg 248, A-8311 Markt Hartmannsdorf (AT). **BRAUNEGG, Gerhart [AT/AT]**; Kurzeggerweg 14, A-8044 Graz (AT).
 (74) **KUNZ, Ekkehard**; Agrolinz Melamin GmbH, St. Peter-Strasse 25, A-4021 Linz (AT).
 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41648** (13) A2
 (21) PCT/US98/05419
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 60/041,057 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12Q 1/00, C07K 14/00, A61K 35/00, C12N 15/00**
 (54) ● TARGET GENES FOR ALLELE-SPECIFIC DRUGS
 ● GENES CIBLES POUR MEDICAMENTS SPECIFIQUES D'ALLELES
 (71) **VARIAGENICS, INC. [US/US]**; One Kendall Square, Building 400, Cambridge, MA 02139-1562 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HOUSMAN, David [US/US]**; 64 Homer Street, Newton, MA 02159 (US). **LEDLEY, Fred, D. [US/US]**; 433 Grove Street, Needham, MA 02192 (US). **STANTON, Vincent, P., Jr. [US/US]**; 32 Royal Road, Belmont, MA 02178 (US).
 (74) **WARBURG, Richard, J. et al. / etc.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41649** (13) A2
 (21) PCT/EP98/01465
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 97-00502 (32) **17 Mar/mar 1997 (17.03.1997)** (33) RO
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12Q 1/527**
 (54) ● RAPID METHOD OF CANCER DIAGNOSIS
 ● PROCEDE DE DIAGNOSTIQUE RAPIDE DU CANCER
 (71, 72) **PUSCAS, Ioan [RO/RO]**; Str. Cetatii 10, R-4775 Simleu Silvaniei, Salaj (RO). **PUSCAS, Iuliana, Carmen [RO/RO]**; Str. Cetatii 10, R-4775 Simleu Silvaniei, Salaj (RO). **COLTAU, Marcela [RO/RO]**; Building M-1, Str. Partizanilor 14, R-4775 Simleu Silvaniei, Salaj (RO). **DOMUTA, Gabriela [RO/RO]**; Str. Gh. Lazar L-21/4, R-4775 Simleu Silvaniei, Salaj (RO). **BAICAN, Michael [DE/DE]**; Klinik Wilkenberg, D-58540 Meinerzhagen (DE).
 (74) **HELBING, Jörg et al. / etc.**; Von Kreisler Seltling Werner, Bahnhofsvorplatz 1, D-50667 Köln (DE).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41650** (13) A2
 (21) PCT/CA98/00240
 (22) **18 Mar/mar 1998 (18.03.1998)**

- (25) en (26) en
 (31) 08/819,912 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12Q 1/68, 1/70**
 (54) ● METHOD AND KIT FOR QUANTITATION AND NUCLEIC ACID SEQUENCING OF NUCLEIC ACID ANALYTES IN A SAMPLE
 ● PROCEDE ET TROUSSE DE QUANTIFICATION ET DE SEQUENCAGE D'ACIDE NUCLEIQUE D'ANALYTES D'ACIDE NUCLEIQUE DANS UN ECHANTILLON
 (63) US 08/819,912 (CON)
 18 Mar/mar 1997 (18.03.1997)
 (71) **VISIBLE GENETICS INC. [CA/CA]**; 700 Bay Street, P.O. Box 33, Toronto, Ontario M5G 1Z6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LACROIX, Jean-Michel [CA/CA]**; 35 Truman Avenue, Etobicoke, Ontario M8Z 5A3 (CA). **DUNN, James, M. [CA/CA]**; 117 Citadel Drive, Scarborough, Ontario M1K 2S8 (CA).
 (74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41651** (13) A1
 (21) PCT/CA98/00251
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 60/040,992 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **C12Q 1/68**
 (54) ● METHOD FOR PREPARING CHROMATIN
 ● PROCEDE DE PREPARATION DE CHROMATINE
 (71) **HSC RESEARCH & DEVELOPMENT LIMITED PARTNERSHIP [CA/CA]**; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YAGER, Thomas, D. [US/CA]**; 1879 Silverberry Crescent, Mississauga, Ontario L5J 1C8 (CA). **CHAN, David, W. [CA/CA]**; 82 Borrowers Street, Thornhill, Ontario L4J 2W7 (CA). **BROOKER, Deborah, L. [US/CA]**; 1879 Silverberry Crescent, Mississauga, Ontario L5J 1C8 (CA).
 (74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).
 (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41652** (13) A2
 (21) PCT/DE98/00782
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) de (26) de

(31) 197 10 926.8 (32) **15 Mar/mar 1997** (33) DE
(15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68**

(54) ● DNA FOR DETECTING CHANGES IN CHROMOSOME 7

● ADN UTILISE POUR DETECTER DES MODIFICATIONS DU CHROMOSOME 7

(71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, D-69120 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LICHTER, Peter** [DE/DE]; Am Großen Wald, D-69251 Gaiberg (DE). **FISCHER, Konstanze** [DE/DE]; Bergstrasse 29a, D-69120 Heidelberg (DE). **DÖHNER, Hartmut** [DE/DE]; Bergstrasse 29a, D-69120 Heidelberg (DE).

(74) **HUBER, Bernard**; Huber & Schüssler, Truderinger Strasse 246, D-81825 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41653** (13) A1

(21) PCT/DK98/00104

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 0307/97 (32) **18 Mar/mar 1997** (33) DK
(18.03.1997)

(31) 0434/97 (32) **17 Apr/avr 1997** (33) DK
(17.04.1997)

(31) 0625/97 (32) **30 May/mai 1997** (33) DK
(30.05.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68, C12N 15/10 // 9/00**

(54) ● AN *IN VITRO* METHOD FOR CONSTRUCTION OF A DNA LIBRARY

● METHODE DE CONSTITUTION *IN VITRO* DE BIBLIOTHEQUE D'ADN

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).

(72) **VIND, Jesper**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).

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

(11) **WO 98/41654** (13) A1

(21) PCT/IL97/00283

(22) **26 Aug/août 1997 (26.08.1997)**

(25) en (26) en

(31) 120466 (32) **17 Mar/mar 1997** (33) IL
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68**

(54) ● *IN VITRO* EVOLUTION OF OLIGONUCLEOTIDES

● EVOLUTION IN VITRO D'OLIGONUCLEOTIDES

(71) **INTELLIGENE LTD.** [IL/IL]; Beit Malam, Am Veolamo 8, Givat Shaul, 95477 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASHER, Nathan** [IL/IL]; Givat Sharett, P.O. Box 2337, 99000 Bet-Shemesh (IL). **TIKORCHINSKI, Yaron** [IL/IL]; Tel Hai Street 3, 92107 Jerusalem (IL).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41655** (13) A1

(21) PCT/US98/05135

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/039,844 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(31) 08/826,409 (32) **27 Mar/mar 1997** (33) US
(27.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68, A01H 1/04**

(54) ● A METHOD FOR IDENTIFYING GENETIC MARKER LOCI ASSOCIATED WITH TRAIT LOCI

● METHODE POUR IDENTIFIER DES LOCI DE MARQUEUR GENETIQUE ASSOCIES A DES LOCI DE TRAITS DE CARACTERE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). **ASGROW SEED COMPANY** [US/US]; 654 Lincoln Way, Ames, IA 50010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BYRUM, Joseph, Richard** [US/US]; 4533 Woodland Avenue #1, West Des Moines, IA 50266 (US). **REITER, Robert, Stefan** [US/US]; 4334 101st Street, Urbandale, IA 50322 (US).

(74) **MAJARIAN, William, R.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

Published / Publiée : (c)

(11) **WO 98/41656** (13) A1

(21) PCT/US98/05177

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/041,404 (32) **19 Mar/mar 1997** (33) US
(19.03.1997)

(31) 09/039,211 (32) **13 Mar/mar 1998** (33) US
(13.03.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68, G01N 33/53, C12P 19/34, C07H 21/04**

(54) ● COMPOSITIONS AND METHOD FOR THE EARLY DIAGNOSIS OF OVARIAN CANCER

● COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC PRECOSE DU CANCER OVAIRIEN

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; The University of Arkansas, University Tower Building, Suite 601, 1123 South University, Little Rock, AR 72204 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'BRIEN, Timothy, J.** [US/US]; 4301 Markham, Slot 710, Little Rock, AR 72205 (US).

(74) **McGREGOR, Martin, L.**; McGregor & Adler, LLP, 5380 W. 34th Street #345, Houston, TX 77092 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41657** (13) A1

(21) PCT/US98/05451

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/041,435 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(31) 60/073,853 (32) **2 Feb/fév 1998** (33) US
(02.02.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C12Q 1/68**

(54) ● ITERATIVE RESEQUENCING

● RESEQUENÇAGE ITERATIF

(63) US 60/041,435 (CIP)

US 20 Mar/mar 1997 (20.03.1997)

US 60/073,853 (CIP)

US 2 Feb/fév 1998 (02.02.1998)

(71) **AFFYMETRIX, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEE, Mark** [AU/US]; 3199 Waverly Street, Palo Alto, CA 94306 (US).

(74) **LIEBESCHUETZ, Joe** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41658** (13) A1

(21) PCT/EP97/01329

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) de (26) de

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C21C 7/00**

(54) ● METHOD FOR FEEDING GRANULAR SOLIDS INTO METAL MELTS

- PROCEDE D'APPORT DE MATIERES SOLIDES GRANULEUSES DANS DES MASSES METALLIQUES FONDUES
- (71) **STEIN - INDUSTRIE-ANLAGEN INH. CHRISTEL STEIN** [DE/DE]; Hagener Strasse 379, D-58285 Gevelsberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GARTEN, Lutz** [DE/DE]; Asker Strasse 10, D-58285 Gevelsberg (DE). **KELLER, Klaus** [DE/DE]; Fasanenweg 10, D-44269 Dortmund (DE). **STEIN, Wilfried** [DE/DE]; Hagener Strasse 379, D-58285 Gevelsberg (DE). **STEIN, Karl** [DE/DE]; Hagener Strasse 379, D-58285 Gevelsberg (DE).
- (74) **MISSLING, Arne**; Bismarckstrasse 43, D-35390 Gießen (DE).
- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41659** (13) A1
(21) PCT/EP97/04088
(22) **28 Jul/juil 1997 (28.07.1997)**
(25) en (26) en
(31) RM97A000146 (32) **14 Mar/mar 1997 (14.03.1997)** (33) IT
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C21D 8/12, C22C 38/16**
(54) ● PROCESS FOR THE INHIBITION CONTROL IN THE PRODUCTION OF GRAIN-ORIENTED ELECTRICAL SHEETS
● PROCEDE PERMETTANT D'AGIR SUR L'INHIBITION LORS DE LA PRODUCTION DE TOLES MAGNETIQUES A GRAINS ORIENTES
- (71) **ACCIAI SPECIALI TERNI S.P.A.** [IT/IT]; Viale Benedetto Brin, 218, I-05100 Terni (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CICALE', Stefano** [IT/IT]; Via Tiburtina, 572, I-00159 Rome (IT). **FORTUNATI, Stefano** [IT/IT]; Via Murano, 16, I-00040 Ardea (IT). **ABBRUZZESE, Giuseppe** [IT/IT]; Via Settevalli, 39/D, I-05026 Montecastrilli (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41660** (13) A1
(21) PCT/EP97/04089
(22) **28 Jul/juil 1997 (28.07.1997)**
(25) en (26) en
(31) RM97A000147 (32) **14 Mar/mar 1997 (14.03.1997)** (33) IT
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C21D 8/12, C22C 38/02**
(54) ● PROCESS FOR THE INHIBITION CONTROL IN THE PRODUCTION OF GRAIN-ORIENTED ELECTRICAL SHEETS
- (71) **ACCIAI SPECIALI TERNI S.P.A.** [IT/IT]; Viale Benedetto Brin, 218, I-05100 Terni (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORTUNATI, Stefano** [IT/IT]; Via Murano, 16, I-00040 Ardea (IT). **CICALE', Stefano** [IT/IT]; Via Tiburtina, 572, I-00159 Rome (IT). **ABBRUZZESE, Giuseppe** [IT/IT]; Via Settevalli, 39/D, I-05026 Montecastrilli (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41661** (13) A1
(21) PCT/JP98/01072
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) ja (26) ja
(31) 9/82247 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
(31) 9/166644 (32) **10 Jun/juin 1997 (10.06.1997)** (33) JP
(31) 9/177815 (32) **19 Jun/juin 1997 (19.06.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C21D 9/56, 9/52, 9/573**
(54) ● STEEL BAND HEAT-TREATING APPARATUS BY GAS JET STREAM
● DISPOSITIF DE TRAITEMENT THERMIQUE PAR JET DE GAZ
- (71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
- (72) **KAWAMURA, Hirohisa**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futsu City, Chiba 293-0011 (JP). **NAGIRA, Norichika**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futsu City, Chiba 293-0011 (JP). **SHIRAGA, Mutsuo**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futsu City, Chiba 293-0011 (JP). **HAYASHI, Junichi**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futsu City, Chiba 293-0011 (JP). **SERIZAWA, Yoshihiro**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futsu City, Chiba 293-0011 (JP). **SHIMADA, Masanori**; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). **WAKI, Kouichi**; Nippon Steel Corporation, Engineering Divisions Group, 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu City, Fukuoka 804-0002 (JP). **WAKABAYASHI, Hisamoto**; Nippon Steel Corporation, Engineering Divisions Group, 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu City, Fukuoka 804-0002 (JP). **OOGUSHI, Keiji**; Nippon Steel Corporation, Engineering Divisions Group, 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu City, Fukuoka 804-0002 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
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- (81) BR CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41662** (13) A1
(21) PCT/US98/02370
(22) **4 Feb/fév 1998 (04.02.1998)**
(25) en (26) en
(31) 08/818,419 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C22C 29/00**
(54) ● FERROMAGNETIC POWDER COMPOSITIONS FORMULATED WITH THERMOPLASTIC MATERIALS AND FLUORIC RESINS AND COMPACTED ARTICLES MADE FROM THE SAME
● COMPOSITIONS DE POUDRES FERROMAGNETIQUES PREPAREES A L'AIDE DE MATERIAUX THERMOPLASTIQUES ET DE RESINES FLUOREES, ET ARTICLES COMPACTES EN ETANT FAITS
- (71) **HOEGANAES CORPORATION** [US/US]; River Road and Taylors Lane, Riverton, NJ 08077 (US).
- (72) **OLIVER, Christopher, G.**; 257 North Grand Street, Orange, CA 92866 (US). **LUK, Sydney**; 26 Thornhill Road, Cherry Hill, NJ 08003 (US).
- (74) **LEVIN, Gary, H.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AU BR CA JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41663** (13) A1
(21) PCT/DE98/00672
(22) **6 Mar/mar 1998 (06.03.1998)**
(25) de (26) de
(31) 197 10 909.8 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE
(31) 197 12 131.4 (32) **22 Mar/mar 1997 (22.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **C22C 38/00, 38/22, C21D 1/25, 9/60, F16C 33/30, 33/62**
(54) ● HIGH-PERFORMANCE ROLLING BEARINGS OR ROLLING COMPONENTS
● ROULEMENTS A HAUTES PERFORMANCES OU COMPOSANTS SOLLICITES EN ROULEMENT
- (71) **FAG AIRCRAFT/SUPER PRECISION BEARINGS GMBH** [DE/DE]; Georg-Schäfer-Strasse 30, D-97421 Schweinfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBERT, Franz-Josef** [DE/DE]; Gommersberger Strasse 20, D-97762 Hammelburg (DE). **STREIT, Edgar** [DE/DE]; Am Etzart 4, D-97711 Poppenlauer (DE). **TROJAHN, Werner** [DE/DE]; Nordring 16, D-97464 Niederwerrn (DE). **ZOCH, Hans-Werner** [DE/DE]; Ahornstrasse 4, D-97453 Schonungen (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41664** (13) A1
(21) PCT/JP98/01101

- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) ja (26) ja
- (31) 9/82434 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (31) 9/190297 (32) **15 Jul/juil 1997 (15.07.1997)** (33) JP
- (31) 9/190299 (32) **15 Jul/juil 1997 (15.07.1997)** (33) JP
- (31) 9/223008 (32) **6 Aug/août 1997 (06.08.1997)** (33) JP
- (31) 9/258938 (32) **24 Sep/sep 1997 (24.09.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C22C 38/00, 38/50, C21D 8/02, 9/46**
- (54) ● DUAL-PHASE HIGH-STRENGTH STEEL SHEET HAVING EXCELLENT DYNAMIC DEFORMATION PROPERTIES AND PROCESS FOR PREPARING THE SAME
- TOLE D'ACIER BIPHASE A HAUTE RESISTANCE AYANT D'EXCELLENTE PROPRIETES DE DEFORMATION DYNAMIQUE ET SON PROCEDE DE PREPARATION
- (71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
- (72) **UENISHI, Akihiro**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **TAKAHASHI, Manabu**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **KURIYAMA, Yukihisa**; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **SAKUMA, Yasuharu**; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu City, Chiba 299-1193 (JP). **KAWANO, Osamu**; Nippon Steel Corporation Oita Works, 1, Oaza-Nishinosu, Oita City, Oita 870-8566 (JP). **WAKITA, Junichi**; Nippon Steel Corporation Oita Works, 1, Oaza-Nishinosu, Oita City, Oita 870-8566 (JP). **MABUCHI, Hidesato**; Nippon Steel Corporation Oita Works, 1, Oaza-Nishinosu, Oita City, Oita 870-8566 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AU CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41665** (13) A1
- (21) PCT/JP98/01121
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) ja (26) ja
- (31) 9/85901 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (31) 9/365678 (32) **22 Dec/déc 1997 (22.12.1997)** (33) JP
- (31) 10/88044 (32) **16 Mar/mar 1998 (16.03.1998)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C22C 38/00, 38/22, 38/32, H01M 8/02, F01D 5/28**
- (54) ● LOW HEAT EXPANSION ALLOY
- ALLIAGE A FAIBLE DILATATION THERMIQUE
- (71) **SUMITOMO SPECIAL METALS CO., LTD.** [JP/JP]; 7-19, Kitahama 4-chome, Chuou-ku, Osaka-shi, Osaka 541-0044 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAIMATSU, Hitoshi** [JP/JP]; 18-20, Sakura 4-chome, Akita-shi, Akita 010-0042 (JP). **UEDA, Masami** [JP/JP]; Sumitomo Special Metals Co., Ltd., Suita-Seisakusho, 19-1, Minamisuita 2-chome, Suita-shi, Osaka 564-0043 (JP).
- (74) **OSHIDA, Yoshihisa**; Ginza Building, 3-12, Ginza 3-chome, Chuou-ku, Tokyo 104-0061 (JP).
- (81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41666** (13) A1
- (21) PCT/US98/01441
- (22) **26 Jan/jan 1998 (26.01.1998)**
- (25) en (26) en
- (31) 08/821,374 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C23C 14/00**
- (54) ● METHOD FOR FORMING A CARBON FILM
- PROCEDE DE FORMATION D'UN FILM DE CARBONE
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **JOHNSON, Scott, V.**; 5111 E. Sharon Drive, Scottsdale, AZ 85254 (US).
- (74) **DOCKREY, Jasper, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) CN JP KP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41667** (13) A1
- (21) PCT/JP98/01078
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) ja (26) ja
- (31) 9/65802 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C23C 14/04, 14/02, H01G 4/24, B32B 15/08, B05B 1/00, H01L 21/31, 21/203, 21/285, B05D 1/02, H01C 17/06, H01F 41/04, H05K 3/14**
- (54) ● METHOD AND APPARATUS FOR MANUFACTURING THIN FILM, THIN-FILM LAMINATE, AND ELECTRONIC PARTS
- PROCEDE ET DISPOSITIF POUR PRODUIRE UN FILM MINCE, UN FILM MINCE FEUILLETE ET DES COMPOSANTS ELECTRONIQUES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONDA, Kazuyoshi** [JP/JP]; 5-34, Jonancho 1-chome, Takatsuki-shi, Osaka 569-0056 (JP). **ECHIGO, Noriyasu** [JP/JP]; 5-5, Kusugaokacho 2-chome, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). **ODAGIRI, Masaru** [JP/JP]; 2-46, Seiwadai-nishi 2-chome, Kawanishi-shi, Hyogo 666-0143 (JP). **SUNAGARE, Nobuki** [JP/JP]; 10-20, Agenogi 6-chome, Matsue-shi, Shimane 690-0015 (JP).
- (74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41668** (13) A1
- (21) PCT/US98/04054
- (22) **3 Mar/mar 1998 (03.03.1998)**
- (25) en (26) en
- (31) 08/819,381 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C23C 14/22**
- (54) ● METHOD OF FORMING INTERNAL PASSAGES WITHIN ARTICLES AND ARTICLES FORMED BY SAME
- PROCEDE PERMETTANT DE FORMER DES CANAUX A L'INTERIEUR DE PRODUITS ET PRODUITS FORMES PAR LEDIT PROCEDE
- (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
- (72) **MCKINLEY, Barry, Lee**; 1688 Saboff Way, Chuluota, FL 32766 (US).
- (74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
- (81) CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41669** (13) A1
- (21) PCT/US98/05085
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) en (26) en
- (31) 60/041,402 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **C23C 14/34, B23K 20/00**
- (54) ● NI-PLATED TARGET DIFFUSION BONDED TO A BACKING PLATE AND METHOD OF MAKING SAME
- CATHETER CHAUFFANT URETRAL
- (71) **JOHNSON MATTHEY ELECTRONICS, INC.** [US/US]; East 15128 Euclid Avenue, Spokane, WA 99216 (US).
- (72) **SHAH, Ritesh, P.**; 23415 East Desmet Court, Liberty Lake, WA 99019 (US). **STEELE, David, E.**; East 1923 5th Avenue, Spokane, WA 99202-3305 (US). **TURNER, William, R.**; North 1711 Walnut, Spokane, WA 99206 (US). **BEIER, Anthony, F.**; 13518 East 29th Street, Spokane, WA 99216 (US). **KARDOKUS, Janine, K.**; East 1822 Monte Vista Court, Otis Orchards, WA 99027 (US). **STROTHERS, Susan, D.**; North 12426 Forker Road, Spokane, WA 99207 (US).
- (74) **GIOIA, Vincent, G.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) CN JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41670** (13) A1
- (21) PCT/US98/03657
- (22) **25 Feb/fév 1998 (25.02.1998)**
- (25) en (26) en

(31) 08/818,537 (32) **14 Mar/mar 1997** (33) US
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C23C 16/44**

(54) ● INTERNALLY HEATED PYROLYSIS ZONE AND A METHOD WHEREIN USE IS MADE OF THIS ZONE

● ZONE DE PYROLYSE A ECHAUFFEMENT INTERNE ET PROCEDE DANS LEQUEL CETTE ZONE EST UTILISEE

(71) **SPECIALTY COATING SYSTEMS, INC.** [US/US]; 5707 West Minnesota Street, Indianapolis, IN 46241 (US).

(72) **WARY, John**; 119 Cherokee Lane, Nobelsville, IN 46060 (US). **BEACH, William, F.**; 1007 Severin Drive, Bridgewater, NJ 08807 (US). **OLSON, Roger, A.**; 313 George Street, Amery, WI 54001 (US).

(74) **BERNSTEIN, David, B.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41671** (13) A1

(21) PCT/US98/05107

(22) **16 Mar/mar 1998** (16.03.1998)

(25) en (26) en

(31) 08/819,236 (32) **17 Mar/mar 1997** (33) US
(17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C23F 1/14**

(54) ● COMPOSITION AND METHOD FOR POLISHING A COMPOSITE COMPRISING TITANIUM

● COMPOSITION ET METHODE DE POLISSAGE D'UN COMPOSITE CONTENANT DU TITANE

(71) **RODEL, INC.** [US/US]; 451 Bellevue Road, Newark, DE 19713 (US).

(72) **WANG, Jiun-Fang**; 5 White Briar Circle, Hockessin, DE 19707 (US). **SETHURAMAN, Anantha, R.**; 34152 Finnigan Terrace, Fremont, CA 94555 (US). **COOK, Lee, Melbourne**; 190 Bryson Road, Steelville, PA 19310 (US).

(74) **BENSON, Kenneth, A.**; Rodel, Inc., 451 Bellevue Road, Newark, DE 19713 (US).

(81) CN JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41672** (13) A1

(21) PCT/EP98/01388

(22) **11 Mar/mar 1998** (11.03.1998)

(25) de (26) de

(31) 197 10 563.7 (32) **14 Mar/mar 1997** (33) DE
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C23F 1/46**

(54) ● METHOD AND DEVICE FOR OPERATING MILLING BATHS

● PROCEDE ET DISPOSITIF POUR L'EXPLOITATION DE BAINS DE FRAISAGE

(71) **DAIMLER-BENZ AKTIENGESELLSCHAFT** [DE/DE]; D-70546 Stuttgart (DE).

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

(72, 75) **LÖHR, Karsten** [DE/DE]; Ochsensteige 22/2, D-89075 Ulm (DE).

(74) **EINSELE, Rolf, W.**; Daimler-Benz Aktiengesellschaft, Intellectual Property Management, Gebäude 17, Sedanstrasse 10, D-89077 Ulm (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41673** (13) A1

(21) PCT/FR98/00351

(22) **4 Mar/mar 1998** (04.03.1998)

(25) fr (26) fr

(31) 97/03286 (32) **18 Mar/mar 1997** (33) FR
(18.03.1997)

(31) 98/01226 (32) **3 Feb/fév 1998** (33) FR
(03.02.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C23F 11/10, E21B 41/02**

(54) ● SULPHYDRYL ACID AND IMIDAZOLINE SALTS AS INHIBITORS OF CARBON CORROSION OF IRON AND FERROUS METALS

● SELS DE MERCAPTOACIDES ET D'IMIDAZOLINES COMME INHIBITEURS DE LA CORROSION CARBONIQUE DU FER ET DES METAUX FERREUX

(71) **CECA S.A.** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).

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

(72, 75) **POU, Tong, Eak** [FR/FR]; 1, chemin de l'Oiseleur, F-95800 Courdimanche (FR). **FOUQUAY, Stéphane** [FR/FR]; 7, parc de la Saône, F-76130 Mont Saint-Aignan (FR).

(74) **HAÏCOUR, Philippe**; Elf Atochem S.A., Dépt. Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris La Défense Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41674** (13) A1

(21) PCT/US98/04829

(22) **11 Mar/mar 1998** (11.03.1998)

(25) en (26) en

(31) 08/818,484 (32) **14 Mar/mar 1997** (33) US
(14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C25C 1/06, B01J 41/02, 41/04**

(54) ● ROBUST TECHNETIUM REMOVAL METHOD AND SYSTEM

● PROCEDE ET SYSTEME EFFICACES D'EXTRACTION DU TECHNETIUM

(71) **THE SCIENTIFIC ECOLOGY GROUP, INC.** [US/US]; 1560 Bear Creek Road, Oak Ridge, TN 37831-2530 (US).

(72) **SNYDER, Thomas, S.**; 214 Briarcliff Avenue, Oak Ridge, TN 37830 (US). **GRANT, David, C.**; 1018 Creekvue Drive, Gibsonia, PA 15044 (US).

(74) **HAUG, Edgar, H.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41675** (13) A1

(21) PCT/US98/05211

(22) **17 Mar/mar 1998** (17.03.1998)

(25) en (26) en

(31) 08/819,061 (32) **18 Mar/mar 1997** (33) US
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C25D 3/38**

(54) ● CYANIDE-FREE MONOVALENT COPPER ELECTROPLATING SOLUTIONS
● SOLUTIONS D'ELECTRODEPOSITION DE CUIVRE MONOVALENT, EXEMPTES DE CYANURE

(71) **LEARONAL, INC.** [US/US]; 272 Buffalo Avenue, Freeport, NY 11520 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRASCH, William, R.** [US/US]; 11 Canterbury Lane, Nesconset, NY 11767 (US).

(74) **FANUCCI, Allan, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41676** (13) A2

(21) PCT/EP98/01568

(22) **18 Mar/mar 1998** (18.03.1998)

(25) en (26) en

(31) PD97A000054 (32) **18 Mar/mar 1997** (33) IT
(18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C25D 17/00**

(54) ● A SURFACE-TREATMENT PLANT
● INSTALLATION DE TRAITEMENT DE SURFACE

(71) **C.V.G. CENTRO VENETO GALVANICO S.R.L.** [IT/IT]; Via dell'Artigianato, 19, I-35010 Vigonza (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIEVANO, Fervino** [IT/IT]; Via Fambri, 5/bis, I-35131 Padova (IT).

(74) **CANTALUPPI, Stefano**; Jacobacci & Perani S.p.A., Via Berchet, 9, I-35131 Padova (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US VZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41677** (13) A1

(21) PCT/US98/05158

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,814 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 08/991,029 (32) **15 Dec/déc 1997 (15.12.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **C25F 5/00**

(54) ● METHOD AND APPARATUS FOR ELECTROCHEMICAL DELACQUERING AND DETINNING

● PROCEDE ET APPAREIL POUR ENLEVER ELECTROCHIMIQUEMENT DES REVETEMENTS DE LAQUE ET D'ETAIN

(71) **THE UNIVERSITY OF CONNECTICUT** [US/US]; 438 Whitney Road, Storrs, CT 06268 (US).

(72) **FENTON, James, M.**; University of Connecticut, Route 44, Box 7-210, Storrs, CT 06269 (US). **DRESTY, John, E.**; University of Connecticut, Route 44, Box U-210, Storrs, CT 06269 (US). **BODENSTEINER, Richard**; University of Connecticut, Route 44, Box U-210, Storrs, CT 06269 (US).

(74) **REIMER, Leah, M.**; Fishman, Dionne, Cantor & Colburn, 88 Day Hill Road, Windsor, CT 06096 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41678** (13) A1

(21) PCT/FR98/00504

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) fr (26) fr

(31) 97/03083 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D01F 11/12, 9/14**

(54) ● METHOD FOR PRODUCING AN ACTIVATED CARBON FIBRE TEXTURE

● PROCEDE DE REALISATION D'UNE TEXTURE ACTIVEE EN FIBRES DE CARBONE

(71) **MESSIER-BUGATTI** [FR/FR]; Zone Aéronautique Louis Bréguet, F-78140 Velizy Villacoublay (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARMENTIER, Philippe** [FR/FR]; 146, rue Louis Beckert, F-69100 Villeurbanne (FR). **FON-TARNOU, Véronique** [FR/FR]; 4, rue Frédéric Mistral, F-69330 MEYZIEU (FR). **OUVRY, Ludovic** [FR/FR]; 3, route de Genas, F-69680 Chassieu (FR).

(74) **JOLY, Jean-Jacques** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41679** (13) A1

(21) PCT/US98/05146

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/822,151 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D01H 7/60**

(54) ● SPINNING RING HAVING IMPROVED TRAVELER BEARING SURFACE

● ANNEAU DE FILATURE PRESENTANT UNE SURFACE D'APPUI POUR CURSEUR AMÉLIORÉE

(71) **A.B. CARTER, INC.** [US/US]; 4801 York Highway, Gastonia, NC 28052 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENSON, Rio, H.** [US/US]; 1918 Hollandale Drive, Gastonia, NC 28054 (US). **POQUETTE, Gereon, E.** [US/US]; 2778 Cherry Lane, Denver, NC 28037 (US).

(74) **LUPO, Dickson, M.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41680** (13) A1

(21) PCT/US98/05077

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/041,160 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D04D 7/06**

(54) ● DECORATIVE POMPOM AND METHOD OF MANUFACTURING SAME

● POMPON DECORATIF ET PROCEDE DE FABRICATION ASSOCIE

(71, 72) **SADUR, Dan** [US/US]; 123 Magnolia Lane, East Hills, NY 11577 (US).

(74) **YANNEY, Pierre, R.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41681** (13) A1

(21) PCT/US98/05079

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/041,255 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D06N 7/00, 3/14**

(54) ● PROCESS FOR PREPARING CARPETS HAVING POLYURETHANE BACKINGS OBTAINED FROM POLYURETHANE LATEX FORMULATIONS

● PROCEDE DE FABRICATION DE TAPIS MUNIS D'UN DOSSIER EN POLYURETHANE REALISEE A PARTIR DE FORMULATIONS DE LATEX A BASE DE POLYURETHANE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHROCK, Alan, K.** [US/US]; 97 Rosewood, Lake Jackson, TX 77566 (US). **PARKS, Franklin, E.** [US/US]; 7118 S.F. Austin Road, Jones Creeks, TX 77541 (US). **WILLKOMM, Wayne, R.** [US/US]; 306 Live Oak Lane, Lake Jackson, TX 77566 (US). **MOORE, Douglas, R.** [US/US]; Apartment 1602, 201 Hackberry Street, Clute, TX 77531 (US). **TABOR, Rick, L.** [US/US]; 4126 Jetty Terrace Circle, Missouri City, TX 77459 (US). **KERNSTOCK, John, M.** [US/US]; 315 East Salzburg Road, Bay City, MI 48706 (US). **JAKUBOWSKI, James, J.** [US/US]; 3616 Jane Drive, Midland, MI 48642 (US). **PATE, James, E.** [US/US]; 933 West Walter Road, Sanford, MI 48657 (US). **NORTON, Michael, A.** [US/US]; 1606 Southmont Drive, Dalton, GA 30720 (US). **JOHNSON, Regina, A.** [US/US]; 325 Timbercreek, Lake Jackson, TX 77566 (US).

(74) **DOBSON, Kevin, S.**; Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41682** (13) A1

(21) PCT/EP98/01462

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fr (26) fr

(31) 97/03324 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D07B 1/06**

(54) ● HYBRID STEEL CORD FOR TYRE

● CABLE D'ACIER HYBRIDE POUR PNEUMATIQUE

(71) **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE** [FR/FR]; 12, cours Sablon, F-63040 Clermont-Ferrand Cedex 09 (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CORDONNIER, François-Jacques** [FR/FR]; 53, rue de Durtol, F-63100 Clermont-Ferrand (FR). **DEPRAETERE, Eric** [FR/FR]; 4, rue de la Limagne, F-63260 Thuret (FR).

- (74) **HIEBEL, Robert**; Michelin & Cie, Service SGD/LG/PL-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41683** (13) A1

(21) PCT/SE97/00466

(22) **20 Mar/mar 1997 (20.03.1997)**

(25) sv (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D21F 1/00**

- (54) ● METHOD AND DEVICE IN THE PRODUCTION OF A WEB MATERIAL
● PROCEDE ET DISPOSITIF DE PRODUCTION D'UN MATERIAU EN BANDE

(71) **STORA KOPPARBERGS BERGSLAGS AKTIEBOLAG** [SE/SE]; Åsgatan 22, S-791 80 Falun (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÅKANSSON, Philip** [SE/SE]; Vintervägen 9, S-294 37 Sölvesborg (SE). **CARLSSON, Tommy** [SE/SE]; Getingvägen 14, S-294 36 Sölvesborg (SE). **WIGSTEN, Anders** [SE/SE]; Husmansvägen 7, S-790 15 Sundborn (SE).

(74) **HYNELL, Magnus**; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41684** (13) A1

(21) PCT/FI98/00217

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 971126 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D21F 1/08 // 1/66**

- (54) ● SYSTEM FOR TREATMENT AND CIRCULATION OF DILUTION WATER FOR THE HEADBOX OF A PAPER MACHINE
● SYSTEME DE TRAITEMENT ET DE CIRCULATION DE L'EAU DE DILUTION POUR LA CAISSE DE TETE D'UNE MACHINE A PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUONPERÄ, Antti** [FI/FI]; Naavatie 11, FIN-40530 Jyväskylä (FI). **SALMINEN, Kari** [FI/FI]; Lempiänientie 199, FIN-34130 Yläne (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41685** (13) A1

(21) PCT/FI98/00200

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/818,833 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D21F 7/06, 1/02, 1/06, 1/08**

- (54) ● REGULATION SYSTEM IN A PAPER MACHINE FOR CONTROLLING VARIATION OF THE BASIS WEIGHT OF THE PAPER IN THE MACHINE DIRECTION
● SYSTEME DE REGULATION DE MACHINE A PAPIER PERMETTANT DE REGULER LA VARIATION DE LA FORCE DU PAPIER DANS LE SENS DE FABRICATION

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).

(72) **FAGERLUND, John**; Köhniönkatu 79, FIN-40630 Jyväskylä (FI). **MUSTONEN, Harri**; Yliopistonkatu 8 A 7, FIN-40100 Jyväskylä (FI). **VÄHÄTALO, Harri**; Keltinmäentie 17 B 49, FIN-40640 Jyväskylä (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41686** (13) A1

(21) PCT/FI98/00212

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 971084 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D21H 17/17**

- (54) ● PAPER SIZED WITH 2-OXETANONE SIZING AGENT MADE FROM NORMAL AND BRANCHED FATTY ACIDS

● PAPIER COLLE AVEC UN AGENT DE COLLAGES DE 2-OXETANONE CONTENANT DES ACIDES GRAS A CHAINES NORMALES ET RAMIFIEES

(71) **RAISIO CHEMICALS OY** [FI/FI]; Raisionkaari 55, FIN-21200 Raisio (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALMSTRÖM, Olof** [FI/FI]; Ispoisten Kiertotie 1 as. 2, FIN-20880 Turku (FI). **NURMINEN, Markku** [FI/FI]; Järviiniityntie 56, FIN-21120 Raisio (FI). **SAVOLAINEN, Raija** [FI/FI]; Kuukkeliukuja 1, FIN-21210 Raisio (FI). **TEIJO, Ari** [FI/FI]; Juhaninkuja 13 as. 16, FIN-21200 Raisio (FI). **ZETTER, Claes** [FI/FI]; Sirkkalankatu 11 A, FIN-20500 Turku (FI).

(74) **OY JALO ANT-WUORINEN AB**; Iso Rooberintkatu 4-6 A, FIN-00120 Helsinki (FI).

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

(11) **WO 98/41687** (13) A1

(21) PCT/EP98/00767

(22) **10 Feb/fév 1998 (10.02.1998)**

(25) de (26) de

(31) 197 11 452.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **D21H 21/22, D06M 13/224, 13/342, 13/388 // D21H 17:07, 17:14**

- (54) ● COMPOSITION CONTAINING HUMIDITY REGULATORS, FOR TISSUE PRODUCTS

● COMPOSITION CONTENANT DES REGULATEURS D'HUMIDITE DESTINEE AUX PRODUITS EN OUATE DE CELLULOSE

(71) **SCA HYGIENE PAPER GMBH** [DE/DE]; Sandhofer Strasse 176, D-68305 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUNHOEFFER, Hans** [DE/DE]; Auf dem Sand 1, D-64367 Mühlthal (DE). **HILL, Walter** [DE/DE]; Am Mühlgraben 6, D-68623 Lampertheim (DE). **EICHHORN, Stephan** [DE/DE]; Tannenstrasse 25, D-64579 Gernsheim (DE). **VON PALESKE, Peter** [DE/DE]; Traubenweg 9, D-64342 Seeheim (DE).

(74) **SIECKMANN, Ralf**; Cohausz Hannig Dawidowicz & Partner, Schumannstrasse 97-99, D-40237 Düsseldorf (DE).

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

Published / Publiée : (b)

(11) **WO 98/41688** (13) A1

(21) PCT/US98/04732

(22) **12 Mar/mar 1998 (12.03.1998)**

- (25) en (26) en
 (31) 08/819,565 (32) **14 Mar/mar 1997** (33) US
 (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **D21H 21/46**
- (54) ● SECURITY PAPER
 ● PAPIER DE SECURITE
- (71) **GEORGIA-PACIFIC CORPORATION, INC.** [US/US]; 133 Peachtree Street, N.E., Atlanta, GA 30348-5605 (US).

(72) **RITTENHOUSE, David, A.;** 925 Tyrone Place, Roswell, GA 30075 (US).

(74) **SKERPON, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41689** (13) A1

(21) PCT/EP98/01475

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 10 733.8 (32) **14 Mar/mar 1997** (33) DE
 (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E01B 1/00**

(54) ● ELEVATED TRACK SLAB DEVICE
 ● DISPOSITIF POUR DALLE CONTINUE SUR-RELEVÉE

(71, 72) **BARON, Alfred** [DE/DE]; Urbanstrasse 20, D-81371 München (DE).

(74) **KURIG, Thomas;** Sollner Strasse 38, D-81479 München (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41690** (13) A1

(21) PCT/GB98/00624

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705396.1 (32) **14 Mar/mar 1997** (33) GB
 (14.03.1997)

(31) 9800714.9 (32) **15 Jan/jan 1998** (33) GB
 (15.01.1998)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E01B 9/68**

(54) ● RAIL PADS
 ● SEMELLES DE RAIL

(71) **GLYNWED PIPE SYSTEMS LIMITED** [GB/GB]; Headland House, New Coventry Road, Sheldon, Birmingham B26 3AZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILDGOOSE, Thomas, William** [GB/GB]; 5 Farringdon Close, Peterborough, Cambridgeshire PE1 4RQ (GB).

(74) **HUTCHINS, Michael, Richard** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

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

Published / Publiée : (a)

(11) **WO 98/41691** (13) A1

(21) PCT/GB98/00762

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705440.7 (32) **15 Mar/mar 1997** (33) GB
 (15.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E01C 13/12, A63C 19/10**

(54) ● ARTIFICIAL SHOCK ABSORBING SURFACE
 ● SURFACE ARTIFICIELLE D'ABSORPTION DE CHOCS

(71, 72) **WHITAKER, Derek, Gordon** [GB/GB]; 7 Church Mount, Sproatley, East Yorkshire HU11 4PW (GB).

(74) **PAGET, Hugh, C., E.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

Published / Publiée : (c)

(11) **WO 98/41692** (13) A1

(21) PCT/GE98/00002

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 002666 (32) **19 Mar/mar 1997** (33) GE
 (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E01D 15/133**

(54) ● MODULAR BRIDGE AND ITS CONSTRUCTING METHOD
 ● PONT MODULAIRE ET PROCÉDE DE CONSTRUCTION ASSOCIE

(71) **GEORGIAN POLITECHNICAL INTELLECT** [GE/GE]; 68b, Kostava Street, Tbilisi, 380075 (GE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEDZMARIASHVILI, Elgudja V.** [GE/GE]; 2, Ioseliani Street, ap. 19, Tbilisi, 380075 (GE).
KINTERAIA, Grigori G. [GE/RU]; 1, Michurina Street, St.Petersburg, 197046 (RU).
BEDU-KADZE, Gurami V. [GE/GE]; 19b, Kazbegi Avenue, ap. 8, Tbilisi, 380060 (GE).
DATASHVILI, Leri S. [GE/GE]; 21/14, Javakhsvili Street, Tbilisi, 380002 (GE).
ODISHVILI, Konstantine A. [GE/GE]; 11, Chavchavadze Avenue, ap. 20, Tbilisi, 380075 (GE).
KHATIASHVILI, Nodari N. [GE/GE]; 19, Panaskerteli Street, ap. 46, Tbilisi, 380094 (GE).
KHACHIDZE, Nugzari A. [GE/GE]; 19, Panaskerteli Street, ap. 96, Tbilisi, 380094 (GE).
CHKHIKVADZE, Konstantine T. [GE/GE]; 64, Chapaev Street, 1 Lane, Tbilisi, 380080 (GE).
JANIKASHVILI, Mikheili B. [GE/GE]; 19, Panaskerteli Street, ap. 116, Tbilisi, 380094 (GE).

(74) **CHALAURI, Tina A.;** Georgian Polytechnical Intellect, 68b, Kostava Street, Tbilisi, 380075 (GE).

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

(11) **WO 98/41693** (13) A1

(21) PCT/SE98/00503

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) sv (26) en

(31) 9701028-4 (32) **20 Mar/mar 1997** (33) SE
 (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E01F 15/00**

(54) ● RAILING
 ● RAMPE

(71) **BCC BALTIC CONSTRUCTION COMPANY AB** [SE/SE]; Smedmästarens väg 8, S-281 50 Hässleholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANSSON, Jerzy, Kryszof** [SE/SE]; Smedmästarens väg 4, S-281 50 Hässleholm (SE).

(74) **AWAPATENT AB;** P.O. Box 5117, S-200 71 Malmö (SE).

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

(11) **WO 98/41694** (13) A1

(21) PCT/US98/05426

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/822,252 (32) **20 Mar/mar 1997** (33) US
 (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E02B 11/00, 13/00**

(54) ● ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM

- SYSTEME D'EPURATION ET D'EVACUATION DES EAUX USEES SUR PLACE
- (71) **THE ENGLISH OAK PARTNERSHIP, L.P.** [US/US]; 2261 Grubbs Mill Road, Berwyn, PA 19312 (US).
- (72) **HASSETT, Alan, F.**; 2261 Grubbs Mill Road, Berwyn, PA 19312 (US).
- (74) **HUIS, Randolph, J.** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103-7086 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41695** (13) A1
- (21) PCT/JP98/00617
- (22) **16 Feb/fév 1998 (16.02.1998)**
- (25) ja (26) ja
- (31) 9/83256 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E02D 27/01**
- (54) ● COLUMN FRAME WITH OPENING PREVENTIVE UTENSILS
- CHASSIS EN COLONNE POURVU D'USTENSILES DE PREVENTION DE L'OUVERTURE
- (71) **POLYMER SHOUKOU CO., LTD.** [JP/JP]; 2029-2, Ooaza Minamiakatsuka, Nogi-machi, Shimotsuga-gun, Tochigi 329-0112 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOYANO, Yashirou** [JP/JP]; Polymer Shoukou Co., Ltd., 2029-2, Ooaza Minamiakatsuka, Nogi-machi, Shimotsuga-gun, Tochigi 329-0112 (JP).
- (74) **NAKAGAWA, Kunio**; 6-1, Kohoku 1-chome, Tsuchiura-shi, Ibaraki 300-0032 (JP).
- (81) CN KR US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41696** (13) A1
- (21) PCT/GB98/00750
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) 9705311.0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E02D 33/00, G01N 3/08**
- (54) ● AUTOMATIC STATIC LOAD TESTING FOR PILES
- ESSAI AUTOMATIQUE DE CHARGE STATIQUE DE PIEUX
- (71) **KVAERNER CEMENTATION FOUNDATIONS LTD.** [GB/GB]; Maple Cross House, Denham Way, Maple Cross, Rickmansworth, Herts WD3 2SW (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ENGLAND, Melvin, Gerrard** [GB/GB]; 14 Scotts Avenue, Sunbury upon Thames, Middlesex TW16 7HZ (GB).
- (74) **VAUGHAN, Christopher, Tammo** et al. / etc.; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41697** (13) A1
- (21) PCT/IT98/00050
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) FI97A000052 (32) **17 Mar/mar 1997 (17.03.1997)** (33) IT
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E02F 3/06, 3/04, A01C 5/04, A01G 23/04**
- (54) ● EQUIPMENT FOR DIGGING GROUND WITHOUT DESTRUCTIVE EXCAVATION WORK
- MATERIEL POUR CREUSER LE SOL SANS TRAVAUX D'EXCAVATION DESTRUCTEURS
- (71, 72) **MATI MIRO, Cesare** [IT/IT]; Via Bonellina, 140, I-51100 Pistoia (IT).
- (74) **MANNUCCI, Gianfranco** et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41698** (13) A1
- (21) PCT/EP98/01367
- (22) **10 Mar/mar 1998 (10.03.1998)**
- (25) de (26) de
- (31) 197 11 188.2 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
- (31) 197 15 976.1 (32) **17 Apr/avr 1997 (17.04.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E03C 1/04**
- (54) ● SANITARY FITTING
- ROBINETTERIE SANITAIRE
- (71) **IDEAL-STANDARD GMBH** [DE/DE]; Euskirchen Strasse 80, D-53121 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHR, Josef** [DE/DE]; Am Aul 13, D-54552 Schalkenmehren (DE). **BECKER, Albert** [DE/DE]; Unterm breiten Weg 14, D-54516 Wittlich (DE).
- (74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Postfach 10 13 54, D-45013 Essen (DE).

- (81) BR JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/41699** (13) A1
- (21) PCT/EP98/01380
- (22) **10 Mar/mar 1998 (10.03.1998)**
- (25) de (26) de
- (31) 197 10 782.6 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E03C 1/042**

- (54) ● SANITARY FITTING
- ROBINETTERIE SANITAIRE
- (71) **IDEAL-STANDARD GMBH** [DE/DE]; Euskirchen Strasse 80, D-53121 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGMANN, Konrad** [DE/DE]; Ober dem Hof 8, D-54338 Schweich (DE).
- (74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Huyssenallee 100, D-45128 Essen (DE).
- (81) BR JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41700** (13) A1
- (21) PCT/IT97/00058
- (22) **14 Mar/mar 1997 (14.03.1997)**
- (25) en (26) en
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E03C 1/042**
- (54) ● IMPROVED BATHTUB WALL TAP ASSEMBLY
- ENSEMBLE ROBINET DE PAROI POUR BAINOIRES AMELIORE
- (71) **RAF RUBINETTERIE S.P.A.** [IT/IT]; Via Torchio, 2, I-28017 S. Maurizio d'Opaglio (IT).
- (72) **VISCONTI, Marco**; Via Torchio, 124, I-28017 S. Maurizio d'Opaglio (IT).
- (74) **PELLEGATTA, Ottorino**; Calvani, Salvi & Veronelli S.r.l., Piazza Duca d'Aosta, 4, I-20124 Milan (IT).
- (81) BR CZ PL SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41701** (13) A1
- (21) PCT/CH98/00107
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) de (26) de
- (31) 641/97 (32) **16 Mar/mar 1997 (16.03.1997)** (33) CH
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **E03C 1/05**
- (54) ● METHOD AND DEVICE TO INFLUENCE AT LEAST ONE OBJECT PROPERTY
- PROCEDE ET DISPOSITIF PERMETTANT D'INFLUER SUR AU MOINS UNE PROPRIETE D'UN OBJET

(71) **REGLOMAT AG** [CH/CH]; Hauptstrasse 22, CH-9042 Speicher (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEER, Hermann** [CH/CH]; Schwende 248, CH-9427 Wolfhalden (CH). **SENN, Patrick** [CH/CH]; Blumenstrasse 20, CH-9403 Goldach (CH).

(74) **KULHAVY, Sava, V.**; Patentanwaltsbüro S.V. Kulhavy & Co., Kornhausstrasse 3, Postfach 1138, CH-9001 St. Gallen (CH).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41702** (13) A1

(21) PCT/GB98/00755

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9705328.4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E03D 9/052**

(54) ● **ODOURLESS TOILET**
● **TOILETTES DESODORISEES**

(71, 72) **TOPEN, John, Swan** [GB/GB]; Saddler's Cottage, Inchtute, Perthshire PH14 9RN (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AU CA GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41703** (13) A1

(21) PCT/ES98/00043

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) es (26) es

(31) U 9700671 (32) **14 Mar/mar 1997 (14.03.1997)** (33) ES

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E03D 13/00, E03C 1/01**

(54) ● **DEVICE FOR TOILETS**
● **DISPOSITIF POUR SANITAIRES**

(71, 72) **SIERRA CALDERON, José Luis** [ES/ES]; Ignacio Luzán, 7, E-22400 Monzón (ES).

(74) **LEARTE ALVAREZ, Jesús Esteban**; Calle Francisco Victoria, 17, 4 B, E-50008 Zaragoza (ES).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41704** (13) A1

(21) PCT/EP98/01591

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 297 04 997.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04B 1/66, E01D 19/08**

(54) ● **DEVICE FOR SEALING OFF CONCRETE BASES FROM RISING DAMP**

● **DISPOSITIF SERVANT A ETANCHEIFIER DES SOLS EN BETON POUR EMPECHER LA MONTEE D'HUMIDITE**

(71) **DR. KOHL GMBH & CIE DACHBELAG- UND BAUTENSCHUTZMITTEL-FABRIK** [DE/DE]; Auf dem Beerenkamp 2, D-46282 Dorsten (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖRNIG, Andreas** [DE/DE]; Bonifatiusstrasse 28, D-46284 Dorsten (DE). **KO-LANOWSKI, Franz-Josef** [DE/DE]; Hardtstrasse 200, D-46282 Dorsten (DE). **STOFFEL, Martin** [DE/DE]; Husemannstrasse 11, D-46240 Bottrop (DE).

(74) **SPALTHOFF, Adolf** et al. / etc.; Postfach 34 02 20, D-45074 Essen (DE).

(81) CA CN ID US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41705** (13) A1

(21) PCT/GB98/00771

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705529.7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04B 2/84**

(54) ● **CONSTRUCTION OF MULTI-STOREY BUILDINGS**
● **CONSTRUCTION D'UN BATIMENT A PLUSIEURS ETAGES**

(71) **AVENUE RESEARCH & DEVELOPMENT LIMITED** [GB/GB]; Waldorf House, 5 Cooper Street, Manchester M2 2FW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAYZELL, Frank** [GB/GB]; 23 The Mews, Beaufort Road, Sale, Cheshire M33 3WN (GB).

(74) **HOLMES, Matthew, Peter**; Marks & Clerk, 83-85 Mosley Street, Sussex House, Manchester M2 3LG (GB).

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

Published / Publiée : (c)

(11) **WO 98/41706** (13) A2

(21) PCT/US98/05433

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/040,835 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04C**

(54) ● **METAL FRAMING SYSTEM**
● **SYSTEME D'OSSATURE METALLIQUE**

(71, 72) **SODER, James, T.** [US/US]; 1994 Gallina Circle, Collierville, TN 38017 (US). **OSTRANDER, Bruce, K.** [US/US]; 220 Revell Pointe North, Collierville, TN 38017 (US).

(74) **HUMBLE, Deborah, S.** et al. / etc.; Baker, Donelson, Bearman & Caldwell, 1800 Republic Centre, 633 Chestnut Street, Chattanooga, TN 37450-1800 (US).

(81) BR CA ES JP US.

(11) **WO 98/41707** (13) A1

(21) PCT/RU98/00074

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ru (26) ru

(31) 97104415 (32) **19 Mar/mar 1997 (19.03.1997)** (33) RU

(31) 98102601 (32) **16 Feb/fév 1998 (16.02.1998)** (33) RU

(31) 98102602 (32) **16 Feb/fév 1998 (16.02.1998)** (33) RU

(31) 98102610 (32) **16 Feb/fév 1998 (16.02.1998)** (33) RU

(31) 98102664 (32) **16 Feb/fév 1998 (16.02.1998)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04C 1/40, C04B 28/02, B29B 19 /00**

(54) ● **CONSTRUCTION ELEMENT AND PROCESS FOR ITS PREPARATION**
● **ELEMENT DE CONSTRUCTION ET PROCEDE DE FABRICATION**

(71, 72) **SITNIKOV, Ivan Vasilievich** [RU/RU]; Leningrad pr-t, 85-438, Moscow, 117261 (RU).

(74) **PATENT LAW FIRM "JUS"**; a/ya 184, Moscow, 103009 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41708** (13) A1

(21) PCT/DE98/00646

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) de (26) de

(31) 197 11 002.9 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04C 5/08, 5/10**

(54) ● **PREFABRICATED TENSION MEMBER, ESPECIALLY USED AS A PERIPHERAL STRESS MEMBER FOR LARGE CONCRETE CONTAINERS**

● **MEMBRE DE TRACTION PREFABRIQUE, EN PARTICULIER UTILISE COMME MEMBRE DE TENSION PERIPHERIQUE POUR GRANDS CONTENEURS EN BETON**

(71) **SUSPA SPANNBETON GMBH** [DE/DE]; Max-Planck-Ring 1, D-40764 Langenfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DÜSTERHÖFT, Artur** [DE/DE]; Kimmelweg 12, D-65191 Wiesbaden (DE). **WALCZAK, Edmund** [DE/DE]; Mangenberger Strasse 157, D-42655 Solingen (DE).

- (74) **EDER & SCHIESCHKE**; Elisabethstrasse 34, D-80796 München (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41709** (13) A1

(21) PCT/DE98/00647

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) de (26) de

(31) 197 11 003.7 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04C 5/12**

- (54) ● ANCHORING DEVICE FOR A TENSION MEMBER, ESPECIALLY FOR USE IN PRESSTRESSED CONCRETE CONSTRUCTIONS
- DISPOSITIF D'ANCRAGE POUR UN MEMBRE DE TRACTION, A UTILISER EN PARTICULIER DANS LES CONSTRUCTIONS EN BETON PRECONTRAINT

(71) **SUSPA SPANNBETON GMBH** [DE/DE]; Max-Planck-Ring 1, D-40764 Langenfeld (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DÜSTERHÖFT, Artur** [DE/DE]; Kemmelweg 12, D-65191 Wiesbaden (DE). **WALCZAK, Edmund** [DE/DE]; Mangelberger Strasse 157, D-42655 Solingen (DE).

(74) **EDER & SCHIESCHKE**; Elisabethstrasse 34, D-80796 München (DE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41710** (13) A1

(21) PCT/DK98/00092

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 0287/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DK

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04F 15/18, B32B 31/08**

- (54) ● A SHEET FOR USE AS A FLOOR SUBSTRUCTURE
- LAME UTILISABLE EN TANT QU'INFRASTRUCTURE DE PLANCHER

(71) **ICOPAL A/S** [DK/DK]; Mileparken 38, P.O. Box 516, DK-2730 Herlev (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARDER, Sven** [DK/DK]; Bybakken 6, DK-2625 Vallensbæk (DK).

(74) **HOFMAN-BANG & BOUTARD A/S**; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41711** (13) A1

(21) PCT/FR98/00514

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fr (26) fr

(31) 97/03065 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04F 21/02**

- (54) ● ELASTIC PAN FOR STICKY PRODUCTS
- COUPELLE ELASTIQUE POUR PRODUITS COLLANTS

(71, 72) **GLAVCE, Ariadna, Ioana** [FR/FR]; 60, rue Fondary, F-75015 Paris (FR).

(81) AU BA BG BR CA CN CU CZ HU ID IL JP KR MD MX NO NZ PL RO RU SG SI SK TR UA US VN YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41712** (13) A1

(21) PCT/EP98/01587

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 498.9 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04G 1/15**

- (54) ● DISMOUNTABLE SCAFFOLDING WITH BASE PLATES ARRANGED ON CROSS STRUTS
- ECHAFFAUDAGE DEMONTABLE COMPRENANT DES PLAQUES DE BASE DISPOSEES SUR DES ENTRETOISES

(71) **PERI GMBH** [DE/DE]; Rudolf-Diesel-Strasse, D-89264 Weissenhorn (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHWÖRER, Artur** [DE/DE]; Am Waldblick 7, D-89250 Senden (DE).

(74) **FINSTERWALD, Martin** et al. / etc.; Manitz, Finsterwald & Partner GbR, Robert-Koch-Strasse 1, D-80538 München (DE).

(81) AU BR CN CZ HU IL JP KR MX PL SG TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41713** (13) A1

(21) PCT/EP98/01586

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 496.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04G 1/16, 7/30**

- (54) ● SCAFFOLDING WITH VERTICAL AND DIAGONAL POLES
- ECHAFFAUDAGE A MONTANTS VERTICAUX ET DIAGONAUX

(71) **PERI GMBH** [DE/DE]; Rudolf-Diesel-Strasse, D-89264 Weissenhorn (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHWÖRER, Artur** [DE/DE]; Am Waldblick 7, D-89250 Senden (DE).

(74) **FINSTERWALD, Martin** et al. / etc.; Manitz, Finsterwald & Partner GbR, Robert-Koch-Strasse 1, D-80538 München (DE).

(81) AU BR CN CZ HU IL JP KR MX PL SG TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41714** (13) A1

(21) PCT/US98/04106

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/818,136 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04G 9/02, 11/08, 17/02**

- (54) ● FORMING DEVICE FOR SETTLEABLE FLUIDS FOR USE IN CONSTRUCTION
- DISPOSITIF DE FORMAGE POUR FLUIDES PRETS A ETRE MIS EN FORME S'UTILISANT DANS LA CONSTRUCTION

(71, 72) **DE LE FEVRE, Patrick, Y.** [US/US]; Apartment 2-2, 190 Mt. Auburn Street, Watertown, MA 02172 (US).

(74) **TENDLER, Robert, K.**; 65 Atlantic Avenue, Boston, MA 02110 (US).

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

(11) **WO 98/41715** (13) A1

(21) PCT/AT98/00012

(22) **21 Jan/jan 1998 (21.01.1998)**

(25) de (26) de

(31) A 440/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04H 1/02**

- (54) ● SPIRAL RING-TYPE CONSTRUCTION WITH A SINGLE SPIRAL CENTRAL STAIRWELL
- CONSTRUCTION CIRCULAIRE EN SPIRALE NE COMPORTANT QU'UNE CAGE D'ESCALIER CENTRALE HELICOÏDALE

(71, 72) **ZITTMAYR, Johannes** [AT/AT]; Bernhardgutstrasse 11, A-4470 Enns (AT).

(81) AU BR CA CN CZ HU IL JP MX NO PL RU SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41716** (13) A1

(21) PCT/FR98/00552

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) fr (26) fr

(31) 97/03352 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E04H 9/02**

(54) ● EARTHQUAKE-PROOF DEVICE FOR BUILDINGS AND ENGINEERED CONSTRUCTIONS

● DISPOSITIF ANTISISMIQUE POUR BATIMENTS ET OUVRAGES D'ART

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; State University Plaza, Albany, NY 12246 (US). **JARRET S.A.** [FR/FR]; 198, avenue des Grésillons, F-92600 Asnières (FR).

(72) **DOMANGE, Bruno**; Résidence Le Mail, 9 bis, avenue Eglé, F-78600 Maisons Laffitte (FR). **KRIEF, Alfred**; 1, rue de la Beauce, F-78190 Maurepas (FR). **MANDER, John, B.**; 56 Ginger Court, East Amherst, NY 14051 (US). **PEKCAN, Gokhan**; Apartment 9, 69 Raintree, Tonawanda, NY 14150 (US).

(74) **LERNER, François**; Lerner & Associés, 5, rue Jules Lefebvre, F-75009 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/41717** (13) A1

(21) PCT/SE98/00236

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) sv (26) en

(31) 9700962-5 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05B 41/00, 47/00, 15/02**

(54) ● LOCKING DEVICE

● DISPOSITIF DE FERMETURE

(71) **STENDALS ELEKTRISKA AB** [SE/SE]; Norra Ringvägen 36, S-722 18 Västerås (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STENDAL, Jan** [SE/SE]; Flodinsgatan 17, S-722 18 Västerås (SE).

(74) **BERGGREN, Björn**; Långrevsgatan 1, S-723 49 Västerås (SE).

(81) CA JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41718** (13) A1

(21) PCT/GB98/00743

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9705280.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05C 9/18, 1/02, E05B 63/12**

(54) ● WINDOW OR DOOR LATCHING STRIP AND MECHANISM

● MECANISME ET BANDE DE FERMETURE DE FENETRE OU DE PORTE

(71) **SCHLEGEL SYSTEMS, INC.** [US/US]; 1555 Jefferson Road, P.O. Box 23197, Rochester, NY 14692-3197 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARKER, Richard** [GB/GB]; 49 High Plash, Cuttys Lane, Stevenage, Herts SG1 1JG (GB).

(74) **CARMAEL, John, William, Maurice**; Carpmiels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

(11) **WO 98/41719** (13) A2

(21) PCT/GB98/00737

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9705317.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05D**

(54) ● WINDOW OR DOOR LATCHING MECHANISMS

● MECANISMES DE FERMETURE DE FENETRES OU DE PORTES

(71) **SCHLEGEL SYSTEMS, INC.** [US/US]; 1555 Jefferson Road, P.O. Box 23197, Rochester, NY 14692-3197 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEVENS, Jack, Whittaker** [GB/GB]; 4 Whiston Crescent, Clifton, Shefford, Beds SG17 5HJ (GB). **JOHNSON, Kenneth, Fredrick** [GB/GB]; 21 Coltsfoot, Biggleswade, Beds SG18 8SR (GB). **TOMLINSON, Andrew** [GB/GB]; 57 Kingsley Avenue, Kettering, Northampton NN16 9ER (GB).

(74) **CARMAEL, John, William, Maurice**; Carpmiels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

(11) **WO 98/41720** (13) A1

(21) PCT/EP98/01510

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) TO97U000055 (32) **18 Mar/mar 1997 (18.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05D 7/00**

(54) ● A HINGE FOR WING-OPENABLE FRAMES, PARTICULARLY FOR DOORS, WINDOWS OR THE LIKE

● GOND POUR CADRE A BATTANTS, EN PARTICULIER, POUR DES PORTES, FENETRES OU SIMILAIRES

(71) **SAVIO S.P.A.** [IT/IT]; Via Torino, 25 (S.S. 25), I-10050 Chiusa San Michele (IT).

(72) **BALBO, Aimone**; Savio S.p.A., Via Torino, 25 (S.S. 25), I-10050 Chiusa San Michele (IT).

(74) **SACONNEY, Piero** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

(81) IL PL SI TR YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41721** (13) A1

(21) PCT/SE98/00363

(22) **2 Mar/mar 1998 (02.03.1998)**

(25) sv (26) en

(31) 9701022-7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05D 11/10, E05F 1/12, A47C 7/56**

(54) ● ROTATION MECHANISM

● MECANISME ROTATIF

(71) **ÅHUS PLÅTSLAGERI AB** [SE/SE]; Allebodavägen 110, S-296 91 Åhus (SE).

(72) **HALLQVIST, Thomas**; Allebodavägen 110, S-296 91 Åhus (SE).

(81) HU NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41722** (13) A1

(21) PCT/CH98/00078

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) fr (26) fr

(31) 646/97 (32) **18 Mar/mar 1997 (18.03.1997)** (33) CH

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E05F 15/14**

(54) ● DRIVING DEVICE FOR OPPOSITE OR COUNTER ROTATING MOTION

● DISPOSITIF D'ENTRAÎNEMENT POUR MOUVEMENT EN SENS OPPOSE OU CONTRAROTATIF

(71, 72) **AFFOLTER, William** [CH/CH]; 24, rue du Temple, CH-2800 Delémont (CH).

(74) **DIETLIN & CIE S.A.**; 15, rue du Mont-Blanc, Case postale 1390, CH-1211 Genève 1 (CH).

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

(11) **WO 98/41723** (13) A1

(21) PCT/EP98/01563

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) MC97A000028 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E06B 3/48, E05D 15/24, 7/10, 1/04**

(54) ● ARTICULATION FOR SLIDING SECTIONAL DOORS
● ARTICULATION PERMETTANT DE FAIRE GLISSER DES PORTES EN SECTIONS

(71) **SCARPANTONI S.R.L.** [IT/IT]; Zona Industriale, I-64014 Martinsicuro (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCARPANTONI, Renato** [IT/IT]; Zona Industriale, I-64014 Martinsicuro (IT).

(74) **O'BYRNE, Daniel**; Fenzi & Associati S.R.L., Via Saval, 25, I-37124 Verona (IT).

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

Published / Publiée : (c)

(11) **WO 98/41724** (13) A1

(21) PCT/SE98/00525

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) sv (26) en

(31) 9701030-0 (32) **20 Mar/mar 1997 (20.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E06B 3/54**

(54) ● SPACER HAVING FRICTION MEANS
● ESPACEUR POURVU D'UN DISPOSITIF DE FRICTION

(71, 72) **ERIKSSON, Lars** [SE/SE]; Sveagatan 50, S-361 31 Emmaboda (SE).

(74) **BJELKSTAM, Peter**; Rådjursvägen 11, S-131 42 Nacka (SE).

(81) AU CA CN JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41725** (13) A1

(21) PCT/FR98/00521

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) fr (26) fr

(31) 97/03190 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E06B 11/08, E05F 15/04**

(54) ● DEVICE FOR CONTROLLING REVOLVING DOOR LEAVES FOR PASSAGE WITH ACCESS CONTROL

● DISPOSITIF DE COMMANDE DE VANTAUX PIVOTANTS POUR PASSAGE A CONTROLE D'ACCES

(71) **ETABLISSEMENTS GEORGES KLEIN** [FR/FR]; 221, avenue du Président Wilson, F-93218 La Plaine Saint Denis Cedex (FR).

(72) **ULMANN, Rémi**; 103, rue Lafayette, F-75010 Paris (FR).

(74) **PICARD, Jean-Claude** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41726** (13) A1

(21) PCT/SE98/00447

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9700974-0 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 4/14, 21/00**

(54) ● LIQUID DRIVEN IMPACT DEVICE
● DISPOSITIF DE PERCUSSION ENTRAINE PAR DU LIQUIDE

(71) **ATLAS COPCO ROCK DRILLS AB** [SE/SE]; S-701 91 Örebro (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EKWALL, Berndt** [SE/SE]; Knopvägen 17, S-133 44 Saltsjöbaden (SE). **NORDBRANDT, Andreas** [SE/SE]; Nygatan 50, S-702 26 Örebro (SE).

(74) **GRUNDFELT, Gunnar**; Atlas Copco Rock Drills AB, Patents, S-701 91 Örebro (SE).

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

(11) **WO 98/41727** (13) A1

(21) PCT/EP98/01574

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 97200772.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) GB et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 41/00**

(54) ● WASTE COMPONENT REMOVAL FROM CRUDE OIL OR GAS
● PROCEDE D'APPAUVRISEMENT EN DECHETS DU PETROLE BRUT OU DU GAZ

(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) **DASKOPOULOS, Phaidon**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **MOLLINGER, Alexander, Michiel**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **SCHILTE, Paul, Dirk**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **SMEENK, Robert, Gerard**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **VERBEEK, Paulus, Henricus, Joannes**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **VERBRUGGEN, Marinus, Hendricus, Wilhelmus**; Volmerlaan 8, NL-2288 GD Rijswijk (NL).

(81) AU CA CN DK GB NO; EA (AM AZ BY KG KZ MD RU TJ TM).

Published / Publiée : (c)

(11) **WO 98/41728** (13) A1

(21) PCT/EP98/01765

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 97200773.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) GB et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 41/00, 43/34**

(54) ● REMOVING A WASTE COMPONENT FROM A HYDROCARBON FLUID
● PROCEDE D'APPAUVRISEMENT EN DECHET D'UN FLUIDE D'HYDROCARBURES

(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) **DASKOPOULOS, Phaidon**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **MOLLINGER, Alexander, Michiel**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **SCHILTE, Paul, Dirk**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **SMEENK, Robert, Gerard**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **VERBEEK, Paulus, Henricus, Joannes**; Volmerlaan 8, NL-2288 GD Rijswijk (NL). **VERBRUGGEN, Marinus, Hendricus, Wilhelmus**; Volmerlaan 8, NL-2288 GD Rijswijk (NL).

(81) AU CA CN DK GB NO; EA (AM AZ BY KG KZ MD RU TJ TM).

Published / Publiée : (c)

(11) **WO 98/41729** (13) A1

(21) PCT/FR98/00369

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) fr (26) fr

(31) 97/03095 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 43/01, 43/013, F16L 35/00, E21B 17/01**

(54) ● DEVICE FOR LIMITING THE BENDING RADIUS OF A FLEXIBLE DUCT
● DISPOSITIF LIMITEUR DE COURBURE D'UNE CONDUITE FLEXIBLE

(71) **COFLEXIP** [FR/FR]; 23, avenue de Neuilly, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SECHER, Philippe** [FR/FR]; 6 bis, rue G. Lansry, F-76250 Deville Les Rouen (FR). **SMYTH, John** [GB/GB]; 200 Union Groove, Aberdeen AB10 6SS (GB). **FELIX-HENRY, Antoine** [FR/GB]; 47 Gairm Road, Aberdeen AB10 6AP (GB).

(74) **LEVY, David**; S.A. Fedit-Loriot & Autres, Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

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

(11) **WO 98/41730** (13) A1

(21) PCT/NO98/00094

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 971312 (32) **20 Mar/mar 1997 (33) NO (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 43/01**

(54) ● ARRANGEMENT IN A SUBSEA PRODUCTION CONTROL SYSTEM
● AGENCEMENT D'UN SYSTEME DE COMMANDE D'UNE PRODUCTION SOUS-MARINE

(71) **ABB RESEARCH LTD.** [NO/NO]; c/o ABB Teknolog AS, P.O. Box 90, N-1361 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Bendix** [NO/NO]; Sandholmveien 1, N-4032 Gausel (NO). **ASSKILD, Knut** [NO/NO]; Bruksveien 12 B, N-1390 Vollen (NO). **VALLESTAD, Anne, Elisabeth** [NO/NO]; Hildertunet 10, N-1312 Slepanden (NO). **TRYTL, Svein** [NO/NO]; Kvernveien 2, N-3472 Bødalen (NO).

(74) **OSLO PATENTKONTOR AS**; Postboks 7007 M, N-0306 Oslo (NO).

(81) BR GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41731** (13) A1

(21) PCT/NO98/00080

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) no (26) en

(31) 971320 (32) **20 Mar/mar 1997 (33) NO (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 43/10**

(54) ● DEVICE BY TUBING

● DISPOSITIF PLACE DANS UNE COLONNE DE PRODUCTION

(71) **MARITIME WELL SERVICE AS** [NO/NO]; Postboks 281, N-4033 Forus (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ØXNEVAD, David, Gardner** [NO/NO]; Kannigata 33, N-4008 Stavanger (NO). **REIMERS, Nils** [NO/NO]; Kannigata 26 A, N-4008 Stavanger (NO). **BJERKELI, Terje, K.** [NO/NO]; Bærumsvæien 204, N-1340 Bekkestua (NO). **TALGØ, Morten** [NO/NO]; Snekkerveien 8, N-4300 Sandnes (NO). **FALLET, Truls** [NO/NO]; Rosenborggaten 22, N-0356 Oslo (NO).

(74) **HÅMSØ, Borge** et al. / etc.; Håmsø Patentbyrå Ans, P.O. Box 171, N-4301 Sandnes (NO).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41732** (13) A1

(21) PCT/FR98/00536

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) fr (26) fr

(31) 97/03269 (32) **18 Mar/mar 1997 (33) FR (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21B 43/34, 33/03, B01D 29/05**

(54) ● WELLHEAD DEVICE FOR RETAINING THE SOLID PARTICLES CARRIED BY THE PRODUCTION FLUID
● DISPOSITIF DE TETE DE PUITTS POUR LA RETENTION DES PARTICULES SOLIDES ENTRAINEES PAR LE FLUIDE DE PRODUCTION

(71) **TOTAL** [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) **BLANCHET, Charles** [FR/TH]; Sathorn Park Place - 7A, 2 7/8 South Sathorn, Soi YMCA, Bangkok 10120 (TH).

(74) **JOLLY, Jean-Pierre**; Cabinet Jolly, 54, rue de Clichy, F-75009 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/41733** (13) A1

(21) PCT/AU98/00177

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 16373/97 (32) **19 Mar/mar 1997 (33) AU (19.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **E21F 5/14, 1/14**

(54) ● VENTILATION STOPPING

● ARRÊT D'AERAGE

(71) **BARCLAY MOWLEM CONSTRUCTION LIMITED** [AU/AU]; 973 Fairfield Road, Moorooka, QLD 4105 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STURGEON, Barry, John** [AU/AU]; 83/48 Lemke Road, Taigum, QLD 4018 (AU).

(74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (AU).

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

(11) **WO 98/41734** (13) A1

(21) PCT/BG97/00005

(22) **4 Jul/juil 1997 (04.07.1997)**

(25) en (26) en

(31) 101334 (32) **14 Mar/mar 1997 (33) BG (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01B 3/04, F02G 1/044, F02B 75/26**

(54) ● CAM ENGINE

● MOTEUR A CAME

(71, 72) **BAHNEV, Boyan Kirilov** [BG/BG]; 40 Kapitan Raycho Street, 4000 Plovdiv (BG). **GRAMATOV, Pavel Ivanov** [BG/BG]; 32 Krayretchna Street, 4000 Plovdiv (BG).

(74) **SHENTOVA, Violeta Varbanova**; Patent Bureau Gatev & Shentova, 11 Damyana Gruev Street, 1606 Sofia (BG).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41735** (13) A1

(21) PCT/SE98/00491

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9700988-0 (32) **18 Mar/mar 1997 (33) SE (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01D 5/28, 9/02**

(54) ● A DEVICE FOR A GUIDE BLADE ARRANGED IN A ROTARY MACHINE

● DISPOSITIF D'AUBAGE DIRECTEUR MONTE DANS UNE MACHINE TOURNANTE

(71) **ABB STAL AB** [SE/SE]; S-612 82 Finspång (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILENMYR, Peter** [SE/SE]; Fäskogsvägen 87, S-612 33 Finspång (SE). **HERTEL, Patrik** [SE/SE]; Smältargatan 6, S-811 36 Sandviken (SE).

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

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41736** (13) A1
 (21) PCT/DE98/00671
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) de (26) de
 (31) 197 11 526.8 (32) **19 Mar/mar 1997 (19.03.1997)**
 (43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01D 11/00, F02C 7/04, 7/28, F16J 15/16, 15/06, F16L 23/18, 27/02, F16J 15/32, F16B 7/02, F01D 25/24**

(54) ● SUCTION DUCT CONNECTION IN A GAS TURBINE
 ● RACCORDEMENT DU CONDUIT D'ASPIRATION D'UNE TURBINE A GAZ

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÄHR, Siegfried** [DE/DE]; Am oberen Tor 14, D-91330 Eggolsheim (DE). **LUDWIG, Ludwig** [DE/DE]; Willersdorf 162, D-91352 Hallerndorf (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41737** (13) A1
 (21) PCT/US98/05119
 (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) en (26) en

(31) 60/041,256 (32) **17 Mar/mar 1997 (17.03.1997)**

(31) 09/033,274 (32) **2 Mar/mar 1998 (02.03.1998)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01D 17/16**

(54) ● PRESSURE BALANCED DUAL AXLE VARIABLE NOZZLE TURBOCHARGER
 ● TURBOSOUFFLANTE DOUBLE ESSIEU A TUYERE VARIABLE ET PRESSION AUTOREGULARISEE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **ROCHFORD, Keith, Garrett**; 1950 Avenida Del Ossa, Fullerton, CA 92833 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41738** (13) A1
 (21) PCT/US98/04055
 (22) **3 Mar/mar 1998 (03.03.1998)**
 (25) en (26) en

(31) 08/818,812 (32) **14 Mar/mar 1997 (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01D 25/24**

(54) ● COOLING SUPPLY MANIFOLD ASSEMBLY FOR COOLING COMBUSTION TURBINE COMPONENTS

● ENSEMBLE COLLECTEUR D'ALIMENTATION EN FLUIDE DE REFRROIDISSEMENT PERMETTANT DE REFRROIDIR DES COMPOSANTS DE TURBINE A GAZ

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **GAUL, Gregory, Robert**; 2418 Turnberry Drive, Oviedo, FL 32765 (US). **MCLAURIN, Leroy, Dixon**; 1727 Seneca Boulevard, Winter Springs, FL 32708 (US).

(74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(81) CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41739** (13) A1

(21) PCT/US98/05250

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,220 (32) **18 Mar/mar 1997 (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01D 25/30**

(54) ● METHOD AND APPARATUS FOR ENHANCING GAS TURBO MACHINERY FLOW

● PROCEDE ET APPAREIL FAVORISANT L'ECOULEMENT GAZEUX DANS UNE TURBOMACHINE

(63) US 08/820,220 (CIP)
 18 Mar/mar 1997 (18.03.1997)

(71, 72) **NORRIS, Thomas, R.** [US/US]; 15 Patricia Road, Orinda, CA 94563 (US).

(74) **HYNES, William, M.**; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41740** (13) A1

(21) PCT/US98/05633

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,426 (32) **20 Mar/mar 1997 (20.03.1997)**

(31) 09/040,838 (32) **18 Mar/mar 1998 (18.03.1998)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01L 1/18, B21D 19/00, 53/84**

(54) ● METHOD FOR MANUFACTURING A ROCKER ARM

● PROCEDE SERVANT A FABRIQUER UN CULBUTEUR

(71) **E & E MANUFACTURING COMPANY, INC.** [US/US]; 300/400 Industrial Drive, Plymouth, MI 48170 (US).

(72) **CUTSHALL, Mark, L.**; 36431 Grove, Livonia, MI 48154 (US). **SMITH, Wallace, E.**; 23189 Inverness Court, Novi, MI 48374 (US).

(74) **QUINN, Christopher, W.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41741** (13) A1

(21) PCT/EP97/07063

(22) **16 Dec/déc 1997 (16.12.1997)**

(25) de (26) de

(31) 197 10 577.7 (32) **14 Mar/mar 1997 (14.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01L 1/24**

(54) ● HYDRAULIC BACKLASH COMPENSATION ELEMENT

● ELEMENT HYDRAULIQUE COMPENSATEUR DE JEU

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEBERLE, Markus** [DE/DE]; Buchenweg 3, D-91097 Oberreichenbach (DE). **SPELL, Walter** [DE/DE]; Friedrich-Ebert-Strasse 60b, D-85055 Ingolstadt (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).

(81) DE JP KR US.

(11) **WO 98/41742** (13) A1

(21) PCT/US98/05226

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,811 (32) **18 Mar/mar 1997 (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F01L 9/02, 13/00**

(54) ● HYDRAULICALLY OPERATED VARIABLE VALVE CONTROL MECHANISM

● MECANISME DE REGULATION VARIABLE DE SOUPE A COMMANDE HYDRAULIQUE

(71, 72) **BARNARD, Daniel, Wayne** [US/US]; 32073 Cattle Way, Coarsegold, CA 93614 (US).

(74) **RYAN, Richard, A.**; 7475 N. First Street #101, Fresno, CA 93720 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41743** (13) A1
(21) PCT/EP98/00289
(22) **20 Jan/jan 1998 (20.01.1998)**
(25) de (26) de
(31) 197 10 578.5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F01L 13/00**
(54) ● SWITCHABLE SUPPORT ELEMENT FOR A TRAILING LEVER OF AN INTERNAL COMBUSTION ENGINE VALVE GEAR
● ELEMENT D'APPUI COMMUTABLE POUR BASCULER DU MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE
(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHNELL, Oliver** [DE/DE]; Am Alten Sportplatz 44, D-91085 Weisendorf (DE).
(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).
(81) BR DE JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41744** (13) A1
(21) PCT/US98/05120
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 60/040,847 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(31) 09/033,450 (32) **2 Mar/mar 1998 (02.03.1998)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02B 37/18**
(54) ● DUAL POPPET WASTEGATE WITH DUAL COAXIAL SHAFTS
● LIMITEUR DE PRESSION DE SURALIMENTATION DOUBLE CHAMPIGNON MUNI D'ARBRES COAXIAUX DOUBLES
(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
(72) **WATKINS, Billy, Dean**; 27116 Indian Peak Road, Rancho Palos Verdes, CA 90275 (US).
(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41745** (13) A1
(21) PCT/EP98/00675
(22) **7 Feb/fév 1998 (07.02.1998)**
(25) de (26) de
(31) 197 11 408.3 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02D 9/02**
(54) ● LOAD ADJUSTMENT DEVICE
● DISPOSITIF DE REGLAGE DE CHARGE
(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BEIL, Egon** [DE/DE]; Hundsrückenstrasse 2, D-61197 Florstadt (DE).
(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41746** (13) A1
(21) PCT/SE98/00436
(22) **11 Mar/mar 1998 (11.03.1998)**
(25) sv (26) en
(31) 9700982-3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02D 9/06, 41/06, 21/08, F02N 17/08**
(54) ● METHOD FOR CONTROLLING A COMBUSTION ENGINE DURING STARTING AND A COMBUSTION ENGINE FOR IMPLEMENTING THE METHOD
● PROCEDE DE REGULATION D'UN MOTEUR A COMBUSTION LORS DU DEMARRAGE, ET MOTEUR UTILISANT LEDIT PROCEDE
(71) **SCANIA CV AKTIEBOLAG (publ)** [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GUSTAFSSON, Krister** [SE/SE]; Nytorngsgatan 21 A, S-116 22 Stockholm (SE). **GRANDIN, Börje** [SE/SE]; Linbodavägen 58, S-125 33 Älvsjö (SE). **LEVIN, Tore** [SE/SE]; Löjtnantsgatan 11, S-115 50 Stockholm (SE).
(74) **HOLMBORN, Erland**; Scania CV AB, Patents, S-151 87 Södertälje (SE).
(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41747** (13) A1
(21) PCT/FR98/00537
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) fr (26) fr
(31) 97/03192 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02D 11/10**
(54) ● MOTORIZED BUTTERFLY VALVE BODY WITH MAINTAINED CARBURETTOR CONTROL CABLE
● CORPS PAPILLON MOTORISE A CABLE D'ACCELERATEUR MAINTENU
(71) **MAGNETI MARELLI FRANCE** [FR/FR]; 19, rue Lavoisier, F-92000 Nanterre Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HENNEQUIN, Yves** [FR/FR]; 19, rue du Bois Robert, F-78210 Saint Cyr l'Ecole (FR).
(74) **BEROGIN, Francis** et al. / etc.; Cabinet Plasse-raud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
(81) BR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41748** (13) A1
(21) PCT/US98/03313
(22) **18 Feb/fév 1998 (18.02.1998)**
(25) en (26) en
(31) 08/820,203 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02D 19/06, F02M 69/46**
(54) ● APPARATUS AND METHODS FOR SUPPLYING AN ALTERNATE FUEL SUBSTANTIALLY SIMULTANEOUSLY TO FUEL INJECTORS
● APPAREIL ET PROCEDES PERMETTANT DE DISTRIBUER UN CARBURANT DE REMPLACEMENT PRESQUE SIMULTANEMENT A PLUSIEURS INJECTEURS
(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).
(72) **MORRIS, James, R.**; 101 Elaine Drive, Newport News, VA 23602 (US). **SCHOENBERG, Neil, D.**; 6309 Lamplight Court, Suffolk, VA 23435 (US). **LORRAINE, Jack, R.**; 113 Jones Road, Newport News, VA 23601 (US).
(74) **WELLS, Russel, C.**; Siemens Corporation, 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US) et al. / etc.
(81) BR JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41749** (13) A1
(21) PCT/DK98/00087
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) en (26) en
(31) 0286/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DK
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02F 3/00, 3/24, 5/00, F16J 1/09, 9/00**
(54) ● A PISTON FOR A TWO-STROKE CROSSHEAD ENGINE OF THE DIESEL TYPE
● PISTON POUR MOTEUR A CROSSE A DEUX TEMPS DU TYPE DIESEL
(71) **MAN B & W DIESEL A/S** [DK/DK]; Teglsølgade 41, DK-2450 Copenhagen SV (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MOCZULSKI, Lech** [DK/DK]; Klydevej 16, DK-2650 Hvidovre (DK).
(74) **INDAHL, Peter** et al. / etc.; Internationalt Patent-Bureau, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).
(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA ÚG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41750** (13) A1
(21) PCT/US98/01792
(22) **30 Jan/jan 1998 (30.01.1998)**
(25) en (26) en
(31) 08/818,585 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 7/093**
(54) ● PNEUMATIC ACCELERATOR FOR LOW EMISSION CHARGE FORMING DEVICES
● GICLEUR DE REPRISE PNEUMATIQUE POUR CARBURATEURS A FAIBLE EMIS-
SION
(71) **BRIGGS & STRATTON CORPORATION** [US/US]; 12301 West Wirth Street, Wauwatosa, WI 53222 (US).
(72) **GUNTLY, Thomas, G.**; 940 East Monroe Avenue, Hartford, WI 53027 (US).
(74) **LASKA, Casimir, F.**; Michael Best & Fridrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).
(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41751** (13) A1
(21) PCT/JP98/01045
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) ja (26) ja
(31) 9/61245 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 27/00, 27/02**
(54) ● COMBUSTION AIDING MEMBER
● ORGANE FACILITANT LA COMBUSTION
(71, 72) **NAKANO, Yoshio** [JP/JP]; 4-3, Motoasakusa 1-chome, Taitou-ku, Tokyo 111-0041 (JP).
(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, 28th floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
(81) AU KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41752** (13) A1
(21) PCT/US98/02596
(22) **12 Feb/fév 1998 (12.02.1998)**
(25) en (26) en
(31) 08/818,861 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 37/22**
(54) ● FUEL FILTER MODULE WITH INTEGRAL REGULATOR
● FILTRE A CARBURANT A REGULATEUR INCORPORE
(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).
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- (11) **WO 98/41753** (13) A1
(21) PCT/SE98/00474
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) sv (26) en
(31) 9700967-4 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 45/02, F01N 3/20, F02D 41/40**
(54) ● FOUR-STROKE DIESEL ENGINE WITH CATALYTIC CONVERTER
● MOTEUR DIESEL A QUATRE TEMPS AVEC CONVERTISSEUR CATALYTIQUE
(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TENGROTH, Stellan** [SE/SE]; Skogens Gärd 45, S-423 50 Torslanda (SE). **LEIRE-LARSON, Bengt** [SE/SE]; Tandkulllegatan 42, S-426 79 Västra Frölunda (SE).
(74) **HELLBOM, Lars** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S-103 62 Stockholm (SE).
(81) AU BR CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41754** (13) A1
(21) PCT/US98/02893
(22) **12 Feb/fév 1998 (12.02.1998)**
(25) en (26) en
(31) 08/819,410 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 55/02, 61/16, B23P 19/04**
(54) ● AUTOMATIC INJECTOR INSERTION STATION
● POSTE AUTOMATIQUE D'INSERTION D'INJECTEURS
(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).
(72) **SMITH, Dennis, R.**; 113 Harvest Circle, Williamsburg, VA 23185 (US).
(74) **WELLS, Russel, C.**; Siemens Corporation, 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US) et al. / etc.
(81) KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41755** (13) A1
(21) PCT/DE98/00084
(22) **12 Jan/jan 1998 (12.01.1998)**
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- (25) de (26) de
(31) 197 10 891.1 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02M 59/46**
(54) ● PRESSURE VALVE
● SOUPAPE DE REFOULEMENT
(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FEHLMANN, Wolfgang** [DE/DE]; Im Steingarten 25, D-70563 Stuttgart (DE). **HENNING, Ruben-Sebastian** [DE/DE]; Senefelder Strasse 33, D-70176 Stuttgart (DE). **FUCHS, Walter** [DE/DE]; Bertastrasse 51, D-70469 Stuttgart (DE). **JONAS, Stephan** [DE/DE]; Bismarcks-trasse 77, D-70197 Stuttgart (DE). **OGATA, Kiyotaka** [JP/JP]; 3-13-26 Yakyu-cho, Higoshimatsuyama-shi, Saitama 355 (JP).
(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41756** (13) A1
(21) PCT/DE98/00474
(22) **18 Feb/fév 1998 (18.02.1998)**
(25) de (26) de
(31) 197 11 204.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F02P 3/04, 3/045**
(54) ● CIRCUIT ARRANGEMENT OF A FINAL IGNITION STAGE
● MONTAGE POUR ETAGE FINAL D'ALLUMAGE
(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHMIED, Helmut** [DE/DE]; Harzbergweg 1/1, D-71672 Marbach (DE).
(81) BR JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
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- (11) **WO 98/41757** (13) A1
(21) PCT/JP97/02711
(22) **4 Aug/août 1997 (04.08.1997)**
(25) ja (26) ja
(31) 9/105106 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **F03B 7/00**
(54) ● SLIDE VANE VERTICAL WATER WHEEL
● ROUE HYDRAULIQUE VERTICALE A PALES COULISSANTES
(71, 72) **HARADA, Joji** [JP/JP]; 25-4-715, Deiki 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236 (JP).
(81) CA CN US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41758** (13) A1
 (21) PCT/EP98/01571
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en
 (31) 1005542 (32) **14 Mar/mar 1997 (14.03.1997)** (33) NL
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **F03B 13/18, 13/14, 13/22, 13/24**
 (54) ● APPARATUS FOR CONVERSION OF ENERGY FROM THE VERTICAL MOVEMENT OF SEAWATER
 ● APPAREIL POUR TRANSFORMER L'ENERGIE PROVENANT DU MOUVEMENT VERTICAL DE L'EAU DE MER
 (71, 72) **DOLEH, Zakaria, Khalil** [AE/AE]; P.O. Box 7364, Dubai (AE). **DOLEH, Rany, Zakaria** [AE/AE]; P.O. Box 7364, Dubai (AE). **LOCK, John, Douglas** [IE/AE]; P.O. Box 8652, Dubai (AE).
 (74) **HOORWEG, Petrus, Nicolaas**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41759** (13) A1
 (21) PCT/US98/05220
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/820,756 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **F04B 35/04**
 (54) ● ROTODYNAMIC PUMP WITH NON-CIRCULAR HYDRODYNAMIC BEARING JOURNAL
 ● POMPE CENTRIFUGE A PALIER LISSE HYDRODYNAMIQUE NON CIRCULAIRE
 (71) **THE CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).
 (72) **GOLDING, Leonard, A., R.**; 37820 Jackson Road, Moreland Hills, OH 44022 (US). **SMITH, William, A.**; 5223 Haverford Drive, Lyndhurst, OH 44124 (US).
 (74) **MINNICH, Richard, J.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM GW HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41760** (13) A1
 (21) PCT/US98/05578

- (22) **20 Mar/mar 1998 (20.03.1998)**
 (25) en (26) en
 (31) 08/821,399 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **F04B 39/06**
 (54) ● LONG LIFE PUMP SYSTEM
 ● SYSTEME DE POMPAGE PRESENTANT UNE DUREE DE VIE PROLONGEE
 (71) **B/E AEROSPACE, INC.** [-/US]; 1111 North Armando Street, Anaheim, CA 92806 (US).
 (72) **COWANS, Kenneth, W.**; 1718 East Sandalwood Avenue, Fullerton, CA 92835 (US).
 (74) **BOGUCKI, Raymond, A.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025 (US).
 (81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41761** (13) A1
 (21) PCT/EP98/01489
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) de (26) de
 (31) 197 10 717.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **F04B 53/22, 53/00 // G01N 3/10**
 (54) ● HIGH-PRESSURE SYSTEM
 ● DISPOSITIF HAUTE PRESSION
 (71) **UHP CORPORATION** [US/US]; c/o Considar, 18th floor, 630 Third Avenue, New York, NY 10017 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FUNCK, Theodor** [DE/DE]; In der Rußbreite 14, D-37077 Göttingen (DE).
 (74) **HERTZ, Oliver**; v. Bezold & Sozien, Briener Strasse 52, D-80333 München (DE).
 (81) AU BR CA CZ JP KR KZ NO PL RU SK UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41762** (13) A2
 (21) PCT/RU98/00075
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) ru (26) ru
 (31) 97104676 (32) **19 Mar/mar 1997 (19.03.1997)** (33) RU
 (43) 24 Sep/sep 1998 (24.09.1998)

- (51)⁶ **F04D**
 (54) ● TOROIDAL TURBINE
 ● TURBINE TOROIDALE
 (71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "NEZAVISIMAYA ENERGETIKA"** [RU/RU]; ul. B.Polyanka, 51a-2, Moscow (RU).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GRISHIN, Jury Arkadievich** [RU/RU]; Leningradskoe shosse, 19-57, Moskovskaya obl., Khimki, 141400 (RU).
 (74) **PATENT LAW FIRM JUS**; a/ya 184, PLF "JUS", Moscow, 103009 (RU).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41763** (13) A1

(21) PCT/US98/03335

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) en (26) en

(31) 08/821,453 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F04D 29/18**(54) ● IMPROVED TORQUE CONVERTER
 ● CONVERTISSEUR DE COUPLE AMELIORE(71) **KOPPY CORPORATION** [US/US]; 199 Kay Industrial Drive, Orion, MI 48359 (US).(72) **PRATER, Ronald, E.**; 5765 N. Livernois, Rochester, MI 48306 (US).(74) **GASKEY, David, J.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41764** (13) A1

(21) PCT/RU98/00078

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ru (26) ru

(31) 97104192 (32) **18 Mar/mar 1997 (18.03.1997)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F04F 5/54**(54) ● JET PUMP INSTALLATION FOR CREATING A VACUUM DURING DISTILLATION OF A LIQUID
 ● DISPOSITIF D'ASPIRATION-EJECTION DESTINE A CREER UN VIDE LORS DE LA DISTILLATION D'UN LIQUIDE(71, 72) **POPOV, Sergei Anatolievich** [RU/HU]; ul. Korolevy Marii, 54, H-Budapest XXI (HU). **PE-TRUKHIN, Evgeny Dmitrievich** [RU/CY]; Coral House, Flat 401, Amathus Avenue 20, Limassol (CY).

(74) **KAZANTSEV, Vladimir Sergeevich**; ul. Stromynka, 19-1-24, Moscow, 107076 (RU).

(81) HU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41765** (13) A1

(21) PCT/JP98/01043

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/60387 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F15B 11/00**

(54) ● **PRESSURE OIL SUPPLYING APPARATUS**
● **GENERATEUR D'HUILE SOUS PRESSION**

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIDA, Nobumi** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi 323-0819 (JP). **ENDO, Hiroshi** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi 323-0819 (JP).

(74) **HAMAMOTO, Tadashi**; Bansui Building, 5-16, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41766** (13) A1

(21) PCT/EP98/01170

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) de (26) de

(31) 197 11 227.7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F15B 13/08**

(54) ● **PLATE-TYPE MOUNTING BASE**
● **BASE DE MONTAGE EN FORME DE PLAQUE**

(71) **FESTO AG & CO.** [DE/DE]; Rüter Strasse 82, D-73734 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOLL, Kurt** [DE/DE]; Lenzhalde 72, D-73732 Esslingen (DE). **BEYER, Dieter** [DE/DE]; Heilbronner Strasse 36, D-73728 Esslingen (DE).

(74) **REIMOLD, Otto** et al. / etc.; Hölderlinweg 58, D-73728 Esslingen (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41767** (13) A1

(21) PCT/US98/05106

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/039,629 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F15D 1/02**

(54) ● **IN-LINE DRAIN FLOW CONTROL**

● **REGULATEUR DE DEBIT D'UNE CANALISATION EN LIGNE**

(71) **AUTOTROL CORPORATION** [US/US]; 5730 North Glen Park Road, Milwaukee, WI 53209 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALCZAK, Thomas, J.** [US/US]; Apartment 1, 4828 Vista Park Court, Nashota, WI 53058-9617 (US). **SIETH, Kenneth, J.** [US/US]; 2730 Peninsula Drive, Delafield, WI 53018 (US).

(74) **EHRMANN, Thomas, W.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41768** (13) A1

(21) PCT/IB98/00382

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/64462 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16B 2/20, F16L 3/02**

(54) ● **PIPE CLAMP**

● **FIXATION SE PINÇANT SUR DES TUYAUX**

(71) **TOGO SEISAKUSYO CORPORATION** [JP/JP]; 1, Hiruiki-aza, Haruki-oaza, Togo-cho, Aichi-gun, Aichi 470-0162 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OI, Shigeo** [JP/JP]; 1, Hiruiki-aza, Haruki-oaza, Togo-cho, Aichi-gun, Aichi 470-0162 (JP). **MATSUNAGA, Ryosuke** [JP/JP]; 1, Hiruiki-aza, Haruki-oaza, Togo-cho, Aichi-gun, Aichi 470-0162 (JP).

(74) **GORO, Kazuo** et al. / etc.; Imai Central Building, 10-17, Uchiyama 3-chome, Chikusa-ku, Nagoya-shi, Aichi 464 (JP).

(81) JP KR US; EP (DE FR GB).

Published / Publiée : (c)

(11) **WO 98/41769** (13) A1

(21) PCT/SE98/00470

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9700954-2 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16B 45/00**

(54) ● **HOOK FOR WEBBING**
● **CROCHET POUR SANGLE**

(71, 72) **NORRBY, Henry** [SE/SE]; P.O. Box 41, S-820 40 Järvsö (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S-801 02 Gävle (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41770** (13) A1

(21) PCT/SE98/00471

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9700955-9 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16B 45/00**

(54) ● **HOOK FOR WEBBING**
● **CROCHET POUR SANGLE**

(71, 72) **NORRBY, Henry** [SE/SE]; P.O. Box 41, S-820 40 Järvsö (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S-801 02 Gävle (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41771** (13) A1

(21) PCT/US98/02472

(22) **6 Feb/fév 1998 (06.02.1998)**

(25) en (26) en

(31) 08/820,796 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16C 11/02**

(54) ● **TRACK AND/OR HINGE PIN HAVING IMPROVED ABRASION, CORROSION AND GALLING RESISTANCE**
● **AXE DE CHENILLE ET/OU D'ARTICULATION RESISTANT A L'ABRASION, A LA CORROSION, ET AU GRIPPAGE**

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(72) **ANDERTON, Peter, W.**; 3905 N. Keenland, Peoria, IL 61614 (US). **DAM, Chuong, Q.**; 5501 Leawood Court, Peoria, IL 61615 (US). **SHEAR-BURN, Gary, K.**; 9611 W. Whittingham Pt., Mapleton, IL 61547 (US). **SHOOKMAN, Dennis, R.**; 923 Wellington Drive, Washington, IL 61571 (US).

(74) **BURROWS, J., W.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(81) JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41772** (13) A1

(21) PCT/DE98/00309

(22) **3 Feb/fév 1998 (03.02.1998)**

(25) de (26) de

(31) 297 04 732.9 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16C 11/06**

(54) ● BALL JOINT ARRANGEMENT
● ENSEMBLE DE JOINTS A ROTULE

(71) **SACHSENRING AUTOMOBILTECHNIK AG** [DE/DE]; Crimmitschauer Strasse 67, D-08058 Zwickau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RABE, Jürgen** [DE/DE]; Sterpersdorfer Mühle, D-91315 Höchststadt (DE).

(74) **HUFNAGEL, Walter**; Bad Brückenauer Strasse 6, D-90427 Nürnberg (DE).

(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41773** (13) A1

(21) PCT/EP98/00613

(22) **5 Feb/fév 1998 (05.02.1998)**

(25) de (26) de

(31) 197 10 866.0 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16C 11/06, B23Q 1/32**

(54) ● JOINT MOUNTED ON ROLLING BEARINGS
● ARTICULATION A ROULEMENTS

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUNZ, Erich** [DE/DE]; Fetzelhofen 7, D-91475 Lonnerstadt (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).

(81) DE JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41774** (13) A1

(21) PCT/US98/05513

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/821,248 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16C 11/10**

(54) ● BI-STABLE SPRING LOADED PIVOTING JOINT
● JOINT PIVOTANT BISTABLE A RESSORT

(71) **TORQMASTER, INC.** [US/US]; 200 Harvard Avenue, Stamford, CT 06902 (US).

(72) **RUDE, Edward, T.**; 8556 Window Latch Way, Columbia, MD 21045 (US).

(74) **KADEN, Jeffrey, M.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41775** (13) A1

(21) PCT/US98/03088

(22) **19 Feb/fév 1998 (19.02.1998)**

(25) en (26) en

(31) 08/816,811 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16D 13/52**

(54) ● CLUTCH DRUM AND METHOD OF MANUFACTURE
● TAMBOUR D'EMBRAYAGE ET PROCEDE DE FABRICATION

(71) **KOPPY CORPORATION** [US/US]; 199 Kay Industrial Drive, Orion, MI 48359 (US).

(72) **PRATER, Ronald, E.**; 5765 N. Livernois, Rochester, MI 48306 (US).

(74) **GASKEY, David, J.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41776** (13) A1

(21) PCT/US98/03383

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) en (26) en

(31) 08/822,578 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16D 13/52**

(54) ● CLUTCH HOUSING
● CAGE D'EMBRAYAGE

(71) **KOPPY CORPORATION** [US/US]; 199 Kay Industrial Drive, Orion, MI 48359 (US).

(72) **PRATER, Ronald, E.**; 5765 N. Livernois, Rochester, MI 48306 (US).

(74) **GASKEY, David, J.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41777** (13) A1

(21) PCT/GB98/00720

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 9705443.1 (32) **15 Mar/mar 1997 (15.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16D 13/75**

(54) ● FRICTION CLUTCH WITH ADJUSTING DEVICE
● EMBRAYAGE A FRICTION POURVU D'UN DISPOSITIF DE REGLAGE

(71) **AUTOMOTIVE PRODUCTS PLC** [GB/GB]; Tachbrook Road, Leamington Spa, Warwickshire CV31 3ER (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOUNG, Alastair, John** [GB/GB]; 39 Roundhill, Kenilworth, Warwickshire CV8 1DW (GB).

(74) **MORRALL, Roger**; Automotive Products plc, Tachbrook Road, Leamington Spa CV31 3ER (GB).

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

(11) **WO 98/41778** (13) A1

(21) PCT/FR98/00267

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) fr (26) fr

(31) 97/03063 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16D 55/02**

(54) ● HYBRID MULTIPLE DISC BRAKE
● SYSTEME DE FREINAGE MULTIDISQUE HYBRIDE

(71) **BOSCH SYSTEMES DE FREINAGE** [FR/FR]; 126, rue de Stalingrad, F-93700 Drancy (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERY, Jean-Claude** [FR/FR]; 61, rue Emile Zola, F-93320 Pavillons-sous-Bois (FR). **BOISSEAU, Jean-Pierre** [FR/FR]; 7, rue V. Considérant, F-75014 Paris (FR). **LAURENT, Jacques** [FR/FR]; 154, rue des Berthauds, F-93110 Rosny-sous-Bois (FR).

(74) **BENTZ, Jean-Paul**; Bosch Systèmes de Freinage, Service Brevets, 126, rue de Stalingrad, F-93700 Drancy (FR).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41779** (13) A1

(21) PCT/AU98/00181

(22) **19 Mar/mar 1998 (19.03.1998)**

- (25) en (26) en
- (31) PO 5708 (32) **19 Mar/mar 1997** (33) AU (19.03.1997)
- (31) PP 0040 (32) **28 Oct/oct 1997** (33) AU (28.10.1997)
- (31) PP 0190 (32) **5 Nov/nov 1997** (33) AU (05.11.1997)
- (31) PP 0779 (32) **8 Dec/déc 1997** (33) AU (08.12.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 3/083, 3/089**
- (54) ● PRELOAD CONSTANT MESH GEARBOX
● BOITE D'ENGRENAGE A PRISE CONSTANTE A PRECHARGE
- (71) **PRELOAD GEARBOX LTD.** [AU/AU]; 36 Princes Street, Flemington, VIC 3031 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTIN, William, Wesley** [NZ/AU]; 111/154 Mill Point Road, South Perth, W.A. 6151 (AU).
- (74) **HARWOOD, Errol, John** et al. / etc.; Wray & Associates, 239 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41780** (13) A1
- (21) PCT/FR97/00458
- (22) **14 Mar/mar 1997** (14.03.1997)
- (25) fr (26) fr
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 3/36**
- (54) ● TRANSMISSION WITH STRUCTURALLY SIMPLIFIED GEAR RATIO
● TRANSMISSION A RAPPORTS DE VITESSE DE STRUCTURE SIMPLIFIEE
- (71, 72) **DENANCE, Raymond** [FR/FR]; Le Commodore H 41, Marina Baie des Anges, F-06270 Villeneuve Loubet (FR).
- (74) **HAUTIER, Jean-Louis**; Office Méditerranéen de Brevets d'Invention et de Marques, Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).
- (81) AL AM AU BB BG BR CA CN CZ EE GE HU IL IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SD SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41781** (13) A1
- (21) PCT/IB98/00310
- (22) **10 Mar/mar 1998** (10.03.1998)
- (25) fr (26) fr
- (31) 662/97 (32) **18 Mar/mar 1997** (33) CH (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 25/06, F01C 1/344**
- (54) ● DESMODROMIC MECHANISM
● MECANISME DESMODROMIQUE
- (71, 72) **BAJULAZ, Roger** [CH/CH]; 22, chemin William Barbey, CH-1292 Chambésy (CH).
- (74) **MICHELI & CIE**; 122, rue de Genève, Case postale 61, CH-1226 Thônex (CH).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41782** (13) A1
- (21) PCT/CN98/00039
- (22) **17 Mar/mar 1998** (17.03.1998)
- (25) zh (26) zh
- (31) 97 1 00971.6 (32) **17 Mar/mar 1997** (33) CN (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 37/12**
- (54) ● A METHOD AND A DEVICE FOR CONTINUOUSLY CHANGING SPEED RATIOS
● PROCEDE ET SYSTEME DE CHANGEMENT CONTINU DES RAPPORTS DE TRANSMISSION
- (71, 72) **LUAN, Yimin** [CN/CN]; No. 4 Fuhoujie, Zhoucun, Zibo City, Shandong 255300 (CN).
- (74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Fuchengmenwai Street 2, Beijing 100037 (CN).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41783** (13) A1
- (21) PCT/US98/02577
- (22) **10 Feb/fév 1998** (10.02.1998)
- (25) en (26) en
- (31) 08/819,848 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 47/04**
- (54) ● HYDRAULIC COUPLING HAVING SUPPLEMENTAL ACTUATION
● COUPLEUR HYDRAULIQUE A ACTION RENFORCEE
- (63) US 08/819,848 (CON) 17 Mar/mar 1997 (17.03.1997)
- (71) **ASHA CORPORATION** [US/US]; Suite C, 600 Ward Drive, Santa Barbara, CA 93111 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKCUOGLU, Murat, N.** [TR/US]; 3917 Carol Avenue, Santa Barbara, CA 93110 (US).
- (74) **KUSHMAN, James, A.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41784** (13) A1
- (21) PCT/JP98/01191
- (22) **19 Mar/mar 1998** (19.03.1998)
- (25) ja (26) ja
- (31) 9/66302 (32) **19 Mar/mar 1997** (33) JP (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 55/48**
- (54) ● BELT PULLEY
● POULIE DE COURROIE
- (71) **ISUZU MOTORS LIMITED** [JP/JP]; 26-1, Minami-Ohji 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAGOMI, Akira** [JP/JP]; Isuzu Motors Limited, Fujisawa Factory, 8, Tsuchidana, Fujisawa-shi, Kanagawa 252-0806 (JP). **NISHI, Shinobu** [JP/JP]; Isuzu Motors Limited, Fujisawa Factory, 8, Tsuchidana, Fujisawa-shi, Kanagawa 252-0806 (JP).
- (74) **KINUTANI, Nobuo**; Nishishimbashi-JK-Building, 15-12, Nishishimbashi 3-chome, Minato-Ku, Tokyo 105-0003 (JP).
- (81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41785** (13) A1
- (21) PCT/GB98/00625
- (22) **13 Mar/mar 1998** (13.03.1998)
- (25) en (26) en
- (31) 9705418.3 (32) **15 Mar/mar 1997** (33) GB (15.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F16H 55/56**
- (54) ● ROTARY DEVICE OF VARIABLE DIAMETER
● DISPOSITIF ROTATIF A DIAMETRE VARIABLE
- (71) **GKN TECHNOLOGY LIMITED** [GB/GB]; Birmingham New Road, Wolverhampton, West Midlands WV4 6BW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARTLETT, Stephen, Charles** [GB/GB]; 46 Cartway, Bridgnorth, Shropshire WV16 4BG (GB).
- (74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

(81) DE JP KR US.

(11) **WO 98/41786** (13) A1

(21) PCT/EP97/03306

(22) **24 Jun/juin 1997 (24.06.1997)**

(25) de (26) de

(31) 197 11 077.0 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16K 1/44**

(54) ● DOUBLE SEAT VALVE WITH CLEANABLE SEATS

● SOUPAPE A DOUBLE SIEGE NETTOYABLE

(71) **TUCHENHAGEN GMBH** [DE/DE]; Am Industriepark 2-10, D-21514 Büchen (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BURMESTER, Jens** [DE/DE]; Rotdornweg 4, D-23883 Grambek (DE).(74) **TUCHENHAGEN GMBH**; Am Industriepark 2-10, D-21514 Büchen (DE).

(81) AU BR CA CN CZ JP KR MX NZ PL RU SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41787** (13) A1

(21) PCT/EP98/01384

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 10 800.8 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16K 31/06, E03C 1/05**

(54) ● ELECTRICALLY OPERATED FITTING

● ROBINET ACTIONNE ELECTRIQUEMENT

(71) **IDEAL-STANDARD GMBH** [DE/DE]; Euskirchen Strasse 80, D-53121 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BERGMANN, Konrad** [-/DE]; Ober dem Hof 8, D-54338 Schweich (DE).(74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Postfach 10 13 54, D-45013 Essen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 TJ TM TR TT UA UG US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41788** (13) A1

(21) PCT/EP98/01384

(22) **7 Mar/mar 1998 (07.03.1998)**

(25) de (26) de

(31) 197 10 658.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16L 3/04**

(54) ● SUPPORT FOR CONDUIT

● SUPPORT POUR CONDUITES

(71) **ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH** [DE/DE]; Saatwinkler Damm 43, D-13627 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **WEBER, Oliver** [DE/DE]; Cadolzheimer Strasse 9, D-90613 Großhabersdorf (DE).
BREHM, Reiner [DE/DE]; Zum Steinbruch 1, D-90411 Nürnberg (DE).(74) **BREITER, Achim**; Daimler-Benz AG, Intellectual Property Management, Sedanstrasse 10 / Geb. 17, D-89077 Ulm (DE).

(81) CA CZ JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41789** (13) A1

(21) PCT/US98/04934

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/040,930 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16L 11/00**

(54) ● GUTTER PIPE

● GOUITIERE

(71, 72) **HUTCHISON, David, P.** [US/US]; 1889 Carleton Street, Redding, CA 96002 (US).(74) **O'BANION, John, P.**; Gerber, Ritchey & O'Banion, LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41790** (13) A1

(21) PCT/FI98/00223

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 971140 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16L 33/20**

(54) ● METHOD FOR MAKING A PIPE CONNECTION, AND A PIPE CONNECTION

● RACCORD DE TUYAUTERIE ET PROCEDE DE FABRICATION D'UN RACCORD DE TUYAUTERIE

(71) **UPONOR B.V.** [NL/NL]; 7th floor, Strawinskylaan 3105, NL-1077 ZX Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **VILKKI, Markku** [FI/FI]; Karhunkatu 8, FIN-15950 Lahti (FI).
HIPPELÄINEN, Esko [FI/FI]; Annikintie 5 B 14, FIN-15200 Lahti (FI).
JÄRVENKYLÄ, Jyri [FI/FI]; Tapiointie 4, FIN-15870 Hollola (FI).(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/41791** (13) A1

(21) PCT/AU98/00180

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) PO 5627 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16L 37/244, 37/248**

(54) ● HOSE COUPLING

● RACCORD POUR TUYAUX FLEXIBLES

(71) **HOSELINK PTY. LIMITED** [AU/AU]; 56 Robertson Road, North Curl Curl, NSW 2099 (AU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KIERATH, Timothy, Reginald** [AU/AU]; 26A Surf Road, North Curl Curl, NSW 2099 (AU).
ERNST, Leon [AU/AU]; 56 Robertson Road, North Curl Curl, NSW 2099 (AU).(74) **H.R. HODGKINSON & CO.**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

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

(11) **WO 98/41792** (13) A2

(21) PCT/IB98/00619

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 97200769.4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) NL et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F16L 39/04**

(54) ● SWIVEL HAVING A REDUCED PRESSURE AREA

● JOINT TOURNANT PRESENTANT UNE MOINDRE SURFACE SOUS PRESSION

(71) **SINGLE BUOY MOORINGS INC.** [CH/CH]; 5, route de Fribourg, CH-1723 Marly (CH).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CARRASCO, Antoine** [FR/FR]; 35, avenue de Provence, F-06360 Eze sur Mer (FR).(74) **DE BRULJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

(11) **WO 98/41793** (13) A2

(21) PCT/US98/05836

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/820,496 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F21M**

(54) ● HIGH EFFICIENCY LIGHTING SYSTEM

● SYSTEME D'ECLAIRAGE EXTREMEMENT PERFORMANT

(71) **NEXTEK POWER SYSTEMS, INC.** [US/US]; 1019 Montauk Highway, Shirley, NY 11967 (US).

(72) **WILHEIM, William, G.**; 34 Pine Court, Riverhead, NY 11901 (US).

(74) **WALKER, Alfred, M.**; 225 Old Country Road, Melville, NY 11747 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41794** (13) A1

(21) PCT/US98/05245

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/819,143 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F21V 7/04, G02B 6/26**

(54) ● AIR ROUTER FOR COOLING LIGHT GUIDE BUNDLE

● DISPOSITIF D'ACHEMINEMENT DE L'AIR PERMETTANT DE REFRIGERER UN FAISCEAU DE FIBRES OPTIQUES

(71) **REMOTE SOURCE LIGHTING INTERNATIONAL, INC.** [US/US]; 32961 Calle Perfecto, San Juan Capistrano, CA 92675 (US).

(72) **RISER, Andrew, P.**; 28314 Inspiration Lake Drive, Menifee, CA 92584 (US). **LUCAS, Kyle, P.**; 31921 Camino Capistrano, San Juan Capistrano, CA 92675 (US).

(74) **STOUT, Donald, E.**; 100 Pacifica #210, Irvine, CA 92618 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41795** (13) A1

(21) PCT/DK98/00028

(22) **27 Jan/jan 1998 (27.01.1998)**

(25) en (26) en

(31) 0311/97 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DK

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F23G 5/00, 7/00**

(54) ● PLANT AND METHOD FOR INCINERATION OF INDUSTRIAL AND HOUSEHOLD WASTE AND SLUDGE

● INSTALLATION AUX FINS DE L'INCINERATION DES BOUES ET DES DECHETS INDUSTRIELS ET MENAGERS ET PROCEDE CORRESPONDANT

(71) **ANSALDO VØLUND A/S** [DK/DK]; Abildager 11, DK-2605 Brøndby (DK).

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

(72, 75) **BINNER, Siegfried** [DE/DK]; Teglværksbakken 21, DK-2900 Hellerup (DK). **BALTSEN, Gunnar** [DK/DK]; Farumvej 82, DK-3660 Stenløse (DK).

(74) **BUDDE, SCHOU & CO. A/S**; Vestergade 31, DK-1456 København K (DK).

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

Published / Publiée : (a)

(11) **WO 98/41796** (13) A1

(21) PCT/GB98/00783

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 9705528.9 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F23K 5/14, 5/06, 5/00, F02C 7/228, F23N 1/00**

(54) ● VALVE

● SOUPAPE

(71) **VOSPER THORNYCROFT CONTROLS LIMITED** [GB/GB]; Tewin Road, Welwyn Garden City, Hertfordshire AL7 1LR (GB).

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

(72, 75) **SALSI, Anthony, Giovanni** [GB/GB]; 83 Northdown Road, Hatfield, Hertfordshire AL10 8SH (GB).

(74) **MOORE, John, Hamilton**; J.H. Moore & Co., 8 Gaiafields Road, Lichfield, Staffordshire WS13 7LT (GB).

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

Published / Publiée : (c)

(11) **WO 98/41797** (13) A2

(21) PCT/US98/05222

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/040,588 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(31) Not furnished / (32) **12 Mar/mar 1998 (12.03.1998)** (33) US
non communiqué

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F24C**

(54) ● PORTABLE ARTIFICIAL CAMPFIRE
● FEU DE CAMP ARTIFICIEL PORTABLE

(71, 72) **OLIVER, Howard, C., Jr.** [US/US]; 7356 Piney Road, Littleton, CO 80127 (US). **MARSHALL, Patrick, A.** [US/US]; Apartment 7, 9655 W. 15th Place, Lakewood, CO 80215 (US).

(74) **ISAAC, John, L.**; Lee, Fishman & Isaac, Suite 322, 1881 Ninth Street, Boulder, CO 80302-5148 (US).

(81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41798** (13) A1

(21) PCT/JP97/00838

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F25B 33/00, 37/00, 39/02, F28D 3/04**

(54) ● LIQUID DISTRIBUTOR, FALLING FILM HEAT EXCHANGER AND ABSORPTION REFRIGERATOR

● DISTRIBUTEUR DE LIQUIDE, ECHANGEUR THERMIQUE A COUCHES MINCES ET REFRIGERATEUR A ABSORPTION

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJII, Tatsuo** [JP/JP]; 2-3-14-401, I nayoshiminami, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **MIYAKE, Satoshi** [JP/JP]; 6-11-3, I nayoshihigashi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **SATO, Takehiro** [JP/JP]; 6-11-3, I nayoshihigashi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR SG US.

(11) **WO 98/41799** (13) A1

(21) PCT/US98/05168

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/821,258 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F25B 35/04, 17/08, 39/02, H05B 6/80**

(54) ● METHOD AND APPARATUS FOR COOLING ELECTRICAL COMPONENTS

● PROCEDE ET APPAREIL POUR LE REFRIGERISSEMENT DE COMPOSANTS ELECTRIQUES

- (71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).
- (72) **PFISTER, Dennis, M.**; 1301 Dogwood Trail, Conway, AR 72032 (US). **BYRD, Charles, M.**; 400 Valencia #1222, Maumelle, AR 72113 (US).
- (74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41800** (13) A1
- (21) PCT/US98/05460
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/826,086 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F25B 35/04, H05B 6/70**
- (54) ● COAXIAL WAVEGUIDE APPLICATOR FOR AN ELECTROMAGNETIC WAVE-ACTIVATED SORPTION SYSTEM
● APPLICATEUR DE GUIDE D'ONDES COAXIAL DESTINE A UN SYSTEME DE SORPTION ELECTROMAGNETIQUE ACTIVE PAR ONDES
- (71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).
- (72) **PFISTER, Dennis, M.**; 1301 Dogwood Trail, Conway, AR 72032 (US). **BYRD, Charles, M.**; 400 Valencia #1222, Maumelle, AR 72113 (US).
- (74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41801** (13) A1
- (21) PCT/US98/05466
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/821,257 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F25B 35/04, 49/04, H05B 6/80**
- (54) ● ELECTROMAGNETIC WAVE-ACTIVATED SORPTION REFRIGERATION SYSTEM
● SYSTEME DE REFRIGERATION PAR SORPTION ACTIVE PAR ONDES ELECTROMAGNETIQUES

- (71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).
- (72) **PFISTER, Dennis, M.**; 1301 Dogwood Trail, Conway, AR 72032 (US). **BYRD, Charles, M.**; 400 Valencia #1222, Maumelle, AR 72113 (US).
- (74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41802** (13) A1
- (21) PCT/US98/05691
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/820,858 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F25B 35/04, F25D 23/12, H05B 6/70**
- (54) ● SORPTION REFRIGERATION APPLIANCE
● APPAREIL DE REFRIGERATION A SORPTION
- (71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).
- (72) **PFISTER, Dennis, M.**; 1301 Dogwood Trail, Conway, AR 72032 (US). **BYRD, Charles, M.**; 400 Valencia #1222, Maumelle, AR 72113 (US).
- (74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41803** (13) A1
- (21) PCT/JP98/00820
- (22) **27 Feb/fév 1998 (27.02.1998)**
- (25) ja (26) ja
- (31) 9/84499 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F25B 41/00, F24F 5/00**
- (54) ● AIR CONDITIONER
● CONDITIONNEUR D'AIR
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OKAMOTO, Takahiro** [JP/JP]; Shiga-seisakusho of Daikin Industries, Ltd., 1000-2, Aza-ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). **YANO, Yukimasa** [JP/JP]; Shiga-seisakusho of Daikin Industries, Ltd., 1000-2, Aza-ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). **SHIGENAGA, Masaya** [JP/JP]; Daikin Airconditioning and Engineering Tokyo Co., Ltd., Korakuen Shinjuku Building, 4-15-7, Nishi-shinjuku, Shinjuku-ku, Tokyo 160-0023 (JP). **NATSUME, Toshiyuki** [JP/JP]; Shiga-seisakusho of Daikin Industries, Ltd., 1000-2, Aza-ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).
- (74) **AOYAMA, Tamotsu et al. / etc.**; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) CN ID JP KR SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41804** (13) A1

- (21) PCT/JP97/00902
- (22) **19 Mar/mar 1997 (19.03.1997)**
- (25) ja (26) ja
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F25D 19/00, 23/00, 25/00**
- (54) ● REFRIGERATOR
● REFRIGERATEUR
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASHIZUME, Sayuri** [JP/JP]; 4-3-16, Kitano-dai, Hachioji-shi, Tokyo 192 (JP). **NAKA-SHIMA, Hiroaki** [JP/JP]; 6-16-4, Daita, Setagaya-ku, Tokyo 155 (JP). **KONDOU, Hideo** [JP/JP]; 6-2-3, Shimoshakujii, Nerima-ku, Tokyo 177 (JP). **HIROTA, Akihisa** [JP/JP]; 1-2-34, Mitsumine, Oyama-shi, Tochigi 323 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41805** (13) A1

- (21) PCT/EP97/06859
- (22) **9 Dec/déc 1997 (09.12.1997)**
- (25) de (26) de
- (31) 197 10 549.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **F26B 25/22, D21H 23/78, 25/06, D21F 5/06**
- (54) ● METHOD AND DEVICE FOR IMPREGNATING AND DRYING A CONTINUOUS WEB
● PROCEDE ET INSTALLATION D'IMPREGNATION ET DE SECHAGE D'UNE BANDE CONTINUE
- (71) **VITS-MASCHINENBAU GMBH** [DE/DE]; Winkelsweg 172, D-40764 Langenfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ERKELENZ, Willi** [DE/DE]; M-Buber-Strasse 11, D-40764 Langenfeld (DE). **KLAS, Ernst** [DE/DE]; Seehofstrasse 94, D-53721 Siegburg (DE). **UNGER, Udo** [DE/DE]; Karl-Huschens-Strasse 6, D-42799 Leichlingen (DE).
- (74) **PLANKER, Karl-Josef**; Hüttenallee 237b, D-47800 Krefeld (DE).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41806** (13) A1

(21) PCT/NL98/00151

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) nl (26) en

(31) 1005541 (32) **14 Mar/mar 1997 (14.03.1997)** (33) NL

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F27D 9/00, C30B 31/12**

(54) ● METHOD FOR COOLING A FURNACE, AND FURNACE PROVIDED WITH A COOLING DEVICE

● PROCEDE DE REFROIDISSEMENT D'UN FOUR ET FOUR DOTE D'UN DISPOSITIF DE REFROIDISSEMENT

(71) **ASM INTERNATIONAL N.V.** [NL/NL]; Jan van Eycklaan 10, P.O. Box 100, NL-3720 AC Bithoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASPER, Albert** [NL/NL]; Pr. Beatrixplantsoen 9, NL-7944 EV Meppel (NL). **HUUSSEN, Frank** [NL/NL]; Koppellaan 8, NL-3721 PE Bithoven (NL). **OOSTERLAKEN, Theodorus, Gerardus, Maria** [NL/NL]; Meent 4, NL-3421 GT Oudewater (NL). **VAN PUTTEN, Jack, Herman** [NL/NL]; Hezer Enghweg 16, NL-3734 GR Den Dolder (NL).

(74) **DE BRULIN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

(11) **WO 98/41807** (13) A2

(21) PCT/RU98/00079

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ru (26) ru

(31) 97104142 (32) **18 Mar/mar 1997 (18.03.1997)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F41A**

(54) ● CARTRIDGE CASE ADAPTER

● DOUILLE-ADAPTEUR

(71, 72) **GERASCENKO, Eduard Arkadievich** [RU/RU]; ul. Shipilovskaya, 23-2-231, Moscow, 115563 (RU).

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

(11) **WO 98/41808** (13) A1

(21) PCT/NO98/00084

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) no (26) en

(31) 971212 (32) **14 Mar/mar 1997 (14.03.1997)** (33) NO

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F41A 19/00 // 17/46**

(54) ● TRIGGER SYSTEM FOR RECOIL DRIVEN WEAPONS

● SYSTEME DE DETENTE DESTINE A DES ARMES COMMANDEES PAR RECOL

(71) **VINGHØGS MEK. VERKSTED AS** [NO/NO]; Boks 143 Teie, N-3106 Tønsberg (NO).

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

(72, 75) **EKEN, Oddbjørn** [NO/NO]; N-3350 Prestfoss (NO).

(74) **TANDBERGS PATENTKONTOR AS**; Boks 7085, N-0306 Oslo (NO).

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

(11) **WO 98/41809** (13) A1

(21) PCT/CA97/00174

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F41A 33/00, 5/34**

(54) ● BARREL POSITIONING MECHANISM FOR AUTOMATIC FIREARMS

● MECANISME DE POSITIONNEMENT DU CANON D'ARMES A FEU AUTOMATIQUES

(71) **SNC INDUSTRIAL TECHNOLOGIES INC./LES TECHNOLOGIES INDUSTRIELLES SNC INC.** [CA/CA]; 5 Montee des Arsenaux, Le Gardeur, Quebec J5Z 2P4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIONNE, Sylvain** [CA/CA]; 5 Montee des Arsenaux, Le Gardeur, Quebec J5Z 2P4 (CA).

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

(81) DE US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41810** (13) A1

(21) PCT/GB98/00620

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705363.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F42B 5/02**

(54) ● IMPROVEMENTS RELATING TO PYROTECHNIC AMMUNITION

● PERFECTIONNEMENTS RELATIFS A DES MUNITIONS PYROTECHNIQUES

(71) **DEFENSE TECHNOLOGY CORPORATION OF AMERICA** [US/US]; 1900 North Casper Loop, Casper, WY 82601 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAXBY, Michael, Ernest** [GB/GB]; 82 Cowdray Park Road, Little Common, Bexhill-on-Sea, East Sussex TN39 4EZ (GB).

(74) **HUTCHINS, Michael, Richard** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

(81) CA GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41811** (13) A1

(21) PCT/AU98/00169

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) PO 5668 (32) **14 Mar/mar 1997 (14.03.1997)** (33) AU

(31) PO 8548 (32) **14 Aug/août 1997 (14.08.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **F42D 1/10, 1/18, 3/00, 3/04**

(54) ● DEVICE TO FACILITATE THE PLACING OF SLURRIES IN UP-HOLES

● DISPOSITIF POUR FACILITER LA MISE EN PLACE DE BOUILLIES DANS UN FORAGE MONTANT

(71) **SILVERPORT PTY. LTD.** [AU/AU]; 52 Irvine Drive, Malaga, W.A. 6062 (AU).

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

(72, 75) **DIXON, Richard, G.** [AU/AU]; 52 Irvine Drive, Malaga, W.A. 6062 (AU). **BAKER, Edwin, Herbert** [AU/AU]; 52 Irvine Drive, Malaga, W.A. 60602 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 4th floor, Durack Centre, 263 Adelaide Terrace, Perth, W.A. 6000 (AU).

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

(11) **WO 98/41812** (13) A1

(21) PCT/US98/04736

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 818,913 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01B 9/02, 11/30**

(54) ● INTERFEROMETRIC MEASUREMENT OF ABSOLUTE DIMENSIONS OF CYLINDRICAL SURFACES AT GRAZING INCIDENCE

● MESURE INTERFEROMETRIQUE DE DIMENSIONS ABSOLUES DE SURFACES CYLINDRIQUES A INCIDENCE RASANTE

(71) **TROPEL CORPORATION** [US/US]; 60 O'Connor Road, Fairport, NY 14450 (US).

- (72) **KULAWIEC, Andrew, W.**; 89 Black Watch Trail, Fairport, NY 14450 (US).
- (74) **RYAN, Thomas, B.** et al. / etc.; Eugene Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).
- (81) DE GB JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41813** (13) A1

(21) PCT/US97/04179

(22) **20 Mar/mar 1997 (20.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01B 11/00, 11/26, 11/27, G01C 15/00, 15/02**

- (54) ● END CAP INCORPORATING LASER ALIGNMENT TARGET
● OBTURATEUR D'EXTREMITE COMPORANT UNE CIBLE D'ALIGNEMENT PAR LASER

(71) **BRINK'S MFG. CO., INC.** [US/US]; Route 1, Box 179, Clarks Grove, MN 56016 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETERSON, David, L.** [-/US]; 211 Second Street, N.E., Clarks Grove, MN 56016 (US).
THOMPSON, Leslie, P. [-/US]; 301 West Main Street, Clarks Grove, MN 56016 (US).
JAHNKE, Darren, M. [-/US]; 2820 Blue Ridge Drive, Woodbury, MN 55125 (US).
McCLUSKEY, James, M., II [-/US]; Route 1, Box 172, Hollandale, MN 56045 (US).

(74) **NIEBUHR, Frederick, W.**; Larkin, Hoffman, Daly & Lindgren, Ltd., 1500 Norwest Financial Center, 7900 Xerxes Avenue South, Bloomington, MN 55431 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41814** (13) A1

(21) PCT/US97/04227

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01B 11/14, G01N 21/00**

- (54) ● NON-CONTACT POSITION SENSOR
● CAPTEUR DE POSITION SANS CONTACT

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, P.O. Box 10301, Palo Alto, CA 94303-0890 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERCHER, Michael** [US/US]; 330 West Shore Drive, Marblehead, MA 01945 (US).

(74) **PRITZKER, Randy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CN JP KR SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/41815** (13) A1

(21) PCT/CA98/00213

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 2,200,117 (32) **17 Mar/mar 1997 (17.03.1997)**

(31) 08/863,063 (32) **23 May/mai 1997 (23.05.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01B 21/04, G06F 3/00, G01B 11/16**

- (54) ● TOPOLOGICAL AND MOTION MEASURING TOOL
● INSTRUMENT SERVANT A MESURER LA TOPOLOGIE ET LE MOUVEMENT

(71) **CANADIAN SPACE AGENCY** [CA/CA]; 6767 Route de l'Aéroport, Saint-Hubert, Quebec J3Y 8Y9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANISCH, Lee** [CA/CA]; Measurand Inc., P.O. box 21029, Fredericton, New Brunswick E3B 7A3 (CA).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41816** (13) A1

(21) PCT/DE98/00527

(22) **21 Feb/fév 1998 (21.02.1998)**

(25) de (26) de

(31) 197 10 837.7 (32) **15 Mar/mar 1997 (15.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01B 21/26, 7/315, G01C 19/42**

- (54) ● AXLE MEASURING DEVICE AND METHOD
● DISPOSITIF ET PROCEDE DE MESURE POUR ESSIEUX

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADOLPH, Dietrich** [DE/DE]; Im Wetterkreuz 12, D-73095 Albershausen (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41817** (13) A1

(21) PCT/US98/04097

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/819,765 (32) **18 Mar/mar 1997 (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01C 9/28, 15/00**

- (54) ● LEVELING DEVICE
● DISPOSITIF DE NIVELAGE

(71, 72) **MAXWELL, Kenneth, W.** [US/US]; 10875 Five Point Highway, Bellevue, MI 49021-9456 (US).

(74) **BAIR, Joel, E.**; Rader, Fishman, Grauer & McGarry, Suite 600, 171 Monroe Avenue, N.W., Grand Rapids, MI 49503 (US).

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

(11) **WO 98/41818** (13) A1

(21) PCT/JP97/00913

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01C 19/56, G01P 9/04, H04N 5/232, G03B 5/00**

- (54) ● GYRO SENSOR AND VIDEO CAMERA USING THE SAME
● DETECTEUR AVEC GYROSCOPE ET CAMERA VIDEO L'UTILISANT

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKASHI, Teruhisa** [JP/JP]; Peacefulsawa B105, 2645-10, Shimoinayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP).
SATO, Kazutaka [JP/JP]; 2-9-20-A208, Akebono, Kashiwa-shi, Chiba 277 (JP).
MURANUSHI, Fumitaka [JP/JP]; 3-15-29, Inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP).
NISHI, Yoshiko [JP/JP]; 2-3-1-302, Inayoshiminami, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP).
OHTSU, Mitsuo [JP/JP]; Hanezawa 24-103, 691-4, Endou, Fujisawa-shi, Kanagawa 242 (JP).
KAKUTA, Kanji [JP/JP]; 4503-4, Sugaya, Naka-machi, Naka-gun, Ibaraki 311-01 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41819** (13) A1

(21) PCT/US98/05132

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/039,626 (32) **19 Mar/mar 1997 (19.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01F 1/10**

- (54) ● ELBOW MOUNTED TURBINE FLOWMETER
● DEBITMETRE A TURBINE MUNI D'UN RACCORD COUDE

(71) **AUTOTROL CORPORATION** [US/US]; 5730 North Glen Park Road, Milwaukee, WI 53209 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALCZAK, Thomas, J.** [US/US]; Apartment 1, 4828 Vista Park Court, Nashota, WI 53058-9617

- (US). **SIETH, Kenneth, J.** [US/US]; 2730 Peninsula Drive, Delafield, WI 53018 (US). **HONZELKA, Thomas, P.** [US/US]; 950 7th Avenue, Grafton, WI 53024 (US).
- (74) **EHRMANN, Thomas, W.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41820** (13) A1
- (21) PCT/SE98/00485
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) sv (26) en
- (31) 9701007-8 (32) **17 Mar/mar 1997 (17.03.1997)** (33) SE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01G 3/13, G01N 5/00**
- (54) ● METHOD AND APPARATUS FOR MEASURING PROPERTIES AND PROCESSES OF CELLS AT SURFACES
- PROCEDE ET APPAREIL DE MESURE DES PROPRIETES ET DES PROCESSUS DES CELLULES AU NIVEAU DE SURFACES
- (71) **Q-SENSE AB** [SE/SE]; Holtermangatan 1D, S-412 96 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RODAHL, Michael** [SE/SE]; Änggårdsgatan 5, S-413 19 Göteborg (SE). **KROZÉR, Anatol** [SE/SE]; Klamparegatan 5, S-413 17 Göteborg (SE). **KASEMO, Bengt** [SE/SE]; Tjärkil 1400, S-464 00 Mellerud (SE). **HÖÖK, Fredrik** [SE/SE]; Ärlegatan 12B, S-414 57 Göteborg (SE). **FREDRIKSSON, Claes** [SE/SE]; Allmänna Vägen 24J, S-414 60 Göteborg (SE). **STEEL, Daniella** [GB/SE]; Allmänna Vägen 24J, S-414 60 Göteborg (SE).
- (74) **HOPFGARTEN, Nils**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).
- (81) AU CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41821** (13) A1
- (21) PCT/JP98/00958
- (22) **9 Mar/mar 1998 (09.03.1998)**
- (25) ja (26) ja
- (31) 9/60912 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01H 1/10**
- (54) ● TORSIONAL VIBRATION MEASURING INSTRUMENT AND TORSIONAL VIBRATION MEASURING METHOD
- INSTRUMENT ET PROCEDE DE MESURE DE LA VIBRATION TORSIONNELLE
- (71) **YANMAR DIESEL ENGINE CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NAKAJIMA, Sadakazu** [JP/JP]; Yanmar Diesel Engine Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). **YUMEKAWA, Yasunori** [JP/JP]; Yanmar Diesel Engine Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). **OSUGI, Hiroshi** [JP/JP]; Coco Research Inc. Shin-nakano, Coco Research Building, 40-4, Chuo 3-chome, Nakano-ku, Toyko 164-0011 (JP).
- (74) **YANO, Juichiro**; Nagahoriyachiyo Building, 11-9, Minamisemba 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41822** (13) A1
- (21) PCT/US98/05527
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/042,765 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01H 13/100, G01N 29/00, H01L 41/08**
- (54) ● DUST SENSOR APPARATUS
- APPAREIL SERVANT A DETECTER LA POUSSIERE
- (71, 72) **CROTZER, David, R.** [US/US]; 19 Thorndike Street, Nashua, NH 03060 (US).
- (74) **SCHURGIN, Stanley, M.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41823** (13) A1
- (21) PCT/US98/05198
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) en (26) en
- (31) 08/819,107 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 1/02**
- (54) ● APPARATUS FOR CHECKING THE CALIBRATION OF OPTICAL PROBES
- APPAREIL DE VERIFICATION DU CALIBRAGE DE SONDAS ANALYTIQUES
- (71) **POLARTECHNICS LIMITED** [AU/AU]; Level 1, 140 William Street, Sydney, NSW 2011 (AU).
- (71, 72) **WUNDERMAN, Irwin** [US/US]; 655 Eunice Avenue, Mountain View, CA 94040 (US).
- (72) **SKLADNEV, Victor**; 1 Russell Street, Vaucluse, NSW 2030 (AU). **THOMPSON, Richard, L.**; 5 Yeats Avenue, Killarney Heights, NSW 2087 (US).
- (74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41824** (13) A1
- (21) PCT/US98/04312

- (22) **5 Mar/mar 1998 (05.03.1998)**
- (25) en (26) en
- (31) 60/040,775 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (31) 08/947,816 (32) **9 Oct/oct 1997 (09.10.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 3/44, B23K 26/04, A61B 5/00**
- (54) ● ELASTIC RADIATION SCATTER-DETECTING SAFETY DEVICE, ANALYZER APPARATUS PROVIDED WITH SAFETY DEVICE, AND METHOD FOR CONTROLLING A LASER EXCITATION SOURCE
- DISPOSITIF DE SECURITE DETECTANT LA DIFFUSION ELASTIQUE DE RAYONNEMENT, APPAREIL ANALYSEUR DOTE DUDIT DISPOSITIF ET PROCEDE DE MODULATION D'UNE SOURCE D'EXCITATION LASER
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 200 South Wilcox Drive, Kingsport, TN 37662 (US).
- (72) **ORNITZ, Barry, L.**; 4740 Edens View, Kingsport, TN 37664-4641 (US). **PEARCE, Michael, J.**; 334 Cain Drive, Blountville, TN 37617-4823 (US). **ALSMEYER, Daniel, C.**; 104 Shadow Court, Kingsport, TN 37663-3067 (US). **NICELY, Vincent, A.**; 2605 Suffolk Street, Kingsport, TN 37660-4740 (US).
- (74) **FLECKENSTEIN, Lee, J.** et al. / etc.; Nixon, Hargrave, Devans & Doyle LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41825** (13) A1
- (21) PCT/US98/04321
- (22) **5 Mar/mar 1998 (05.03.1998)**
- (25) en (26) en
- (31) 60/043,588 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (31) 08/947,689 (32) **9 Oct/oct 1997 (09.10.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 3/44, G01N 21/65, 33/00**
- (54) ● METHOD FOR STANDARDIZING RAMAN SPECTROMETERS TO OBTAIN STABLE AND TRANSFERABLE CALIBRATIONS
- PROCEDE DE NORMALISATION DE SPECTROMETRES RAMAN POUR PERMETTRE DES ETALONNAGES STABLES ET TRANSFERABLES
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 200 South Wilcox Drive, Kingsport, TN 37662 (US).
- (72) **CARMAN, Howard, S., Jr.**; 428 Dunwoody Court, Blountville, TN 37617 (US). **ALSMEYER, Daniel, C.**; 104 Shadow Wood Lane, Kingsport, TN 37663-3067 (US). **HUAREZ-GARCIA, Carlos, Humberto**; 453 Eric Court, Kingsport, TN 37617-4863 (US). **GARRETT, Aaron, W.**; 708 Stuffle Street, Kingsport, TN 37660-1747 (US). **WILSON, Bruce, E.**; 188 Southwood Drive, Kingsport, TN 37664-5274 (US). **NICELY, Vincent, A.**; 2605 Suffolk Street, Kingsport, TN 37660-4740 (US).

- (74) **FLECKENSTEIN, Lee, J.** et al. / etc.; Nixon, Hargrave, Devans & Doyle LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41826** (13) A1
- (21) PCT/US98/01487
- (22) **27 Jan/jan 1998 (27.01.1998)**
- (25) en (26) en
- (31) 08/789,366 (32) **27 Jan/jan 1997 (27.01.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 5/02, 5/06, 5/08, 5/28, 5/60, 5/62**
- (54) ● SINGLE-FIBER MULTI-COLOR PYROMETRY
● PYROMETRIE MONOFIBRE EN PLUSIEURS COULEURS
- (71) **REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).
- (72) **SMALL, Ward, IV**; 946 Essex Street, Livermore, CA 94550 (US). **CELLIERS, Peter**; 1530 Spruce Street, Berkeley, CA 94709 (US).
- (74) **SARTORIO, Henry, P.**; P.O. Box 808, L-703, Livermore, CA 94550 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41827** (13) A1
- (21) PCT/US98/05298
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 08/819,496 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 5/02, G01K 1/20**
- (54) ● AN APPLICATION SPECIFIC INTEGRATED CIRCUIT FOR USE WITH AN IR THERMOMETER
● CIRCUIT INTEGRE DE TYPE ASIC, UTILE AVEC UN THERMOMETRE A INFRAROUGES
- (71) **THERMOSCAN, INC.** [US/US]; 10421 Pacific Center Court, San Diego, CA 92121 (US).
- (72) **BOHL, Robert, Howard**; 1741 Missouri Street, San Diego, CA 92109 (US). **WHITE, Timothy, Erin**; 892 N. Marilyn Drive, Pocatello, ID 83204 (US).
- (74) **BOLLINGER, James, M.**; Hoptgood, Calimafde, Kalil & Jodlowe, 60 East 42nd Street, New York, NY 10165 (US).

- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41828** (13) A1
- (21) PCT/EP98/01247
- (22) **5 Mar/mar 1998 (05.03.1998)**
- (25) de (26) de
- (31) 197 10 946.2 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01J 5/16, G01K 13/00**
- (54) ● THERMOPILE SENSOR AND RADIATION THERMOMETER WITH A THERMOPILE SENSOR
● CAPTEUR A THERMOPILE ET THERMOMETRE A RAYONNEMENT AVEC CAPTEUR A THERMOPILE
- (71) **BRAUN AKTIENGESSELLSCHAFT** [DE/DE]; Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEERWERTH, Frank** [DE/DE]; Emsstrasse 1, D-65594 Runkel (DE). **KRAUS, Bernhard** [DE/DE]; Karl-Broll-Strasse 8, D-35619 Braunsfeld (DE).
- (74) **BRAUN AKTIENGESSELLSCHAFT**; Frankfurter Strasse 145, D-61476 Kronberg (DE).
- (81) AU CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41829** (13) A1
- (21) PCT/US98/04850
- (22) **11 Mar/mar 1998 (11.03.1998)**
- (25) en (26) en
- (31) 08/819,906 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01K 3/04**
- (54) ● AN INDICATOR, AN ASSOCIATED PACKAGE AND ASSOCIATED METHODS
● INDICATEUR, EMBALLAGE ASSOCIE ET PROCEDES ASSOCIES
- (71) **GICS & VERMEE, L.P.** [US/US]; Suite 101B, 409 Broad Street, Sewickley, PA 15143 (US).
- (72) **GICS, Paul, W.**; 92 Merriman Road, Sewickley Heights, PA 15143 (US).
- (74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41830** (13) A1
- (21) PCT/US98/05500
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 60/040,824 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (31) 08/986,253 (32) **5 Dec/déc 1997 (05.12.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01L 9/00**
- (54) ● CERAMIC PRESSURE SENSOR CAPSULE
● CAPSULE DE DETECTION DE PRESSION EN CERAMIQUE
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

- (72) **BERNOT, Anthony, J.**; 16935 E. Campbell, Gilbert, AZ 85234 (US). **HUGHES, Grenville**; 7642 North Sultan, Tucson, AZ 85704 (US). **LINDBERG, Laura, J.**; 1929 East Calle De Caballos, Tempe, AZ 85284 (US).
- (74) **CRISS, Roger, H.**; AlliedSignal Inc. Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41831** (13) A1
- (21) PCT/DE98/00391
- (22) **12 Feb/fév 1998 (12.02.1998)**
- (25) de (26) de
- (31) 197 11 366.4 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01L 15/00, G01D 21/02, 11/24**
- (54) ● MEASURING DEVICE
● DISPOSITIF DE MESURE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAISER, Harry** [DE/DE]; Weberstrasse 37, D-71706 Markgröningen (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41832** (13) A2
- (21) PCT/US98/05437
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 60/040,838 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (31) 08/949,750 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
- (31) 09/044,399 (32) **18 Mar/mar 1998 (18.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01L 17/00**

- (54) ● DISK DRIVE HEAD POSITION ENCODER
● CODEUR DE POSITION DE TETE DE LECTEUR DE DISQUE

(71) **ALTRA CORPORATION** [US/US]; 520 West Cedar Street, Rawlins, WY 82301 (US).

(72) **LARSEN, Raymond, B.**; 608 11th Street, Rawlins, WY 82301 (US).

(74) **TEST, Aldo, J.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) BR JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41833** (13) A1

(21) PCT/US98/04844

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/818,379 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01L 19/04, 9/00**

- (54) ● TRANSMITTER WITH ISOLATION ASSEMBLY FOR PRESSURE SENSOR
● EMETTEUR DOTE D'UN ENSEMBLE ISOLANT POUR CAPTEUR DE PRESSION

(71) **ROSEMOUNT INC.** [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).

(72) **SITTLER, Fred, C.**; 6526 Aster Trail, Excelsior, MN 55331 (US).

(74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) CA CN DE GB.

(11) **WO 98/41834** (13) A1

(21) PCT/US98/05408

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/822,198 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01L 19/04, 27/00, G01P 21/02, 1/00**

- (54) ● DIFFERENTIAL PRESSURE TRANSMITTER WITH HIGHLY ACCURATE TEMPERATURE COMPENSATION
● TRANSMETTEUR DE PRESSION DIFFERENTIELLE A COMPENSATION DE TEMPERATURE HAUTE PRECISION

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **HERSHEY, George, E.**; 385 Wood Drive, Blue Bell, PA 19422 (US).

(74) **MIOLOGOS, Anthony**; Honeywell Inc., Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

(81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41835** (13) A1

(21) PCT/JP97/00836

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01M 7/02**

- (54) ● VIBRATION EXCITING APPARATUS AND VIBRATION TESTING APPARATUS FOR STRUCTURE USING SAME
● DISPOSITIF EXCITATEUR DE VIBRATIONS ET DISPOSITIF TESTEUR DE VIBRATIONS POUR STRUCTURES, UTILISANT LEDIT DISPOSITIF

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOMOI, Yasuyuki** [JP/JP]; 3-15-29, Inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **HORIUCHI, Toshihiko** [JP/JP]; 1-134-11, Kariyamachi, Ushiku-shi, Ibaraki 300-12 (JP). **UMEKITA, Kazuhiro** [JP/JP]; 5-20-1003, Oomachi, Tsuchiura-shi, Ibaraki 300 (JP). **INOUE, Masahiko** [JP/JP]; 2-3-13-405, Inayoshiminami, Chiyoda-machi, Niihari-gun, Ibaraki 315 (JP). **KONNO, Takao** [JP/JP]; 2352-455, Hatori, Minori-machi, Higashiibaraki-gun, Ibaraki 319-01 (JP). **SUGANO, Masaharu** [JP/JP]; 1881-52, Ami, Ami-machi, Inashiki-gun, Ibaraki 300-03 (JP). **TADANO, Yuuji** [JP/JP]; 1-1-13-1305, Fujisaki, Tsuchiura-shi, Ibaraki 300 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41836** (13) A1

(21) PCT/US98/05575

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/822,283 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01M 11/00**

- (54) ● AUTOMATED METHOD AND APPARATUS FOR EVALUATING THE PERFORMANCE CHARACTERISTICS OF ENDOSCOPES
● PROCEDE ET DISPOSITIF AUTOMATISES SERVANT A EVALUER LES CARACTERISTIQUES D'EFFICACITE D'ENDOSCOPES

(71) **HARTFORD HOSPITAL** [US/US]; 80 Seymour Street, P.O. Box 5037, Hartford, CT 06103-5037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSOW, Eric** [US/US]; 16 Stillbrook Road, Avon, CT 06001 (US). **ADAM, Joseph** [US/US]; 36 Cambridge Street, West Hartford, CT 06110 (US).

(74) **GIARRATANA, Mark, D.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-4102 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41837** (13) A1

(21) PCT/RU98/00053

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) ru (26) ru

(31) 97104413 (32) **17 Mar/mar 1997 (17.03.1997)** (33) RU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 1/28**

- (54) ● DEVICE FOR THE PROCESSING AND IMPREGNATION OF HISTOLOGICAL IMAGES
● DISPOSITIF DE TRAITEMENT ET D'IMPREGNATION D'IMAGES HISTOLOGIQUES

(71, 72) **IZVOZCHIKOV, Iliya Borisovich** [RU/RU]; ul. Zh.Duklo, 8-2-18, St.Petersburg, 194223 (RU).

(72, 75) **McCORMICK, James, B.** [US/US]; 2810 W. Foster Avenue, Chicago, IL 60625 (US). **KHOKHLOV, Valery Abramovich** [RU/RU]; 2 Michurinsky pr., 39-60, St.Petersburg, 194021 (RU).

(81) DE JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41838** (13) A1

(21) PCT/DE98/00705

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) de (26) de

(31) 197 10 525,4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 1/34 // 1/22**

- (54) ● DEVICE AND METHOD FOR SAMPLING IN LIQUID PHASES USING A DIFFUSION BODY AND AN ANALYTE-BINDING PHASE
● DISPOSITIF ET PROCEDE POUR PRELEVER DES ECHANTILLONS DANS DES PHASES FLUIDES AVEC UN CORPS DE DIFFUSION ET UNE PHASE DE FIXATION DE L'ANALYTE

(71, 72) **CAMMANN, Karl** [DE/DE]; Akazienallee 1, D-48155 Münster (DE).

(72, 75) **BRENDEL, Thomas** [DE/DE]; Scharnhorststrasse 39, D-48151 Münster (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, D-80336 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41839** (13) A1

(21) PCT/ES98/00066

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) es (26) es

- (31) P 9700574 (32) **18 Mar/mar 1997** (33) ES (18.03.1997)
- (31) P 9800587 (32) **18 Mar/mar 1997** (33) ES (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 9/00**
- (54) ● APPARATUS FOR DETERMINING THE MASS AND THE DENSITY
● APPAREIL POUR LA DETERMINATION DE LA MASSE ET DE LA DENSITE
- (71) **UNIVERSIDAD COMPLUTENSE DE MADRID** [ES/ES]; Rectorado, Avenida de Séneca, 2, E-28040 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TARDAJOS RODRIGUEZ, Gloria** [ES/ES]; Facultad de Ciencias Químicas, Departamento de Química Física I, E-28040 Madrid (ES).
HERRERO ALVAREZ, Jose [ES/ES]; Facultad de Ciencias Químicas, Departamento de Química Física I, E-28040 Madrid (ES).
GONZALEZ GAITANO, Gustavo [ES/ES]; Facultad de Ciencias Químicas, Departamento de Química Física I, E-28040 Madrid (ES).
- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41840** (13) A2
- (21) PCT/EP98/01490
- (22) **12 Mar/mar 1998** (12.03.1998)
- (25) de (26) de
- (31) 197 11 494.6 (32) **19 Mar/mar 1997** (33) DE (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 15/02**
- (54) ● METHOD OF MEASURING PARTICLE SIZES
● PROCEDE DE MESURE GRANULOMETRIQUE
- (71, 72) **RIEBEL, Ulrich** [DE/DE]; Dorfstrasse 35, D-03096 Briesen (DE).
- (74) **GOSSEL, Hans-Karl** et al. / etc.; Widenmayersstrasse 23, D-80538 München (DE).
- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41841** (13) A1
- (21) PCT/US98/05489
- (22) **20 Mar/mar 1998** (20.03.1998)
- (25) en (26) en
- (31) 08/821,112 (32) **20 Mar/mar 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 21/00**
- (54) ● METHOD AND APPARATUS FOR EVALUATING THE PERFORMANCE CHARACTERISTICS OF ENDOSCOPES
● PROCEDE ET APPAREIL D'EVALUATION DE CARACTERISTIQUES DE FONCTIONNEMENT D'ENDOSCOPES
- (71) **HARTFORD HOSPITAL** [US/US]; 80 Seymour Street, P.O. Box 5037, Hartford, CT 06103-5037 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROSOW, Eric** [-/US]; 16 Stillbrook Road, Avon, CT 06001 (US).
BEATRICE, Finton [-/US]; 5 Tracy Drive, Vernon, CT 06066 (US).
ADAM, Joseph [-/US]; 36 Cambridge Street, West Hartford, CT 06110 (US).
YOUNGDAHL, Curtis [-/US]; 50 Crestridge Drive, Vernon, CT 06066 (US).
- (74) **GIARRATANA, Mark, D.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-4102 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/41842** (13) A1
- (21) PCT/US98/04623
- (22) **10 Mar/mar 1998** (10.03.1998)
- (25) en (26) en
- (31) 08/818,534 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 21/01, 21/64, 33/53, 33/543, 33/554**
- (54) ● DIRECT DETECTION OF BACTERIA-ANTIBODY COMPLEXES VIA UV RESONANCE RAMAN SPECTROSCOPY
● DETECTION DIRECTE DE COMPLEXES BACTERIES-ANTICORPS PAR SPECTROSCOPIE RAMAN DE RESONANCE UV
- (71) **THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS** [US/US]; 199 Promenade Street, Providence, RI 02908 (US).
- (72) **NELSON, Wilfred, H.**; 166 Little Rest Road, Kingston, RI 02881 (US).
SPERRY, Jay, F.; 13 Andre Avenue, PeaceDale, RI 02879 (US).
- (74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41843** (13) A2
- (21) PCT/DE98/00729
- (22) **11 Mar/mar 1998** (11.03.1998)
- (25) de (26) de
- (31) 197 11 281.1 (32) **18 Mar/mar 1997** (33) DE (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 21/64**
- (54) ● DEVICE AND METHOD FOR CARRYING OUT FLUORESCENCE IMMUNOTESTS
● DISPOSITIF ET METHODE POUR EFFECTUER DES ANALYSES IMMUNOLOGIQUES PAR FLUORESCENCE
- (71) **INSTITUT FÜR CHEMO- UND BIOSENSORIK MÜNSTER E.V.** [DE/DE]; Mendelstrasse 7, D-48149 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEUSEL, Markus** [DE/DE]; Ketteler Strasse 54, D-48146 Münster (DE).
TRAU, Dieter [DE/DE]; Hensenstrasse 158, D-48161 Münster (DE).
KATERKAMP, Andreas [DE/DE]; Wilhelmstrasse 65, D-48149 Münster (DE).
- (74) **PFENNING MEINIG UND PARTNER GBR**; Mozartstrasse 17, D-80336 München (DE).
- (81) CA JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41844** (13) A1
- (21) PCT/EP98/01379
- (22) **10 Mar/mar 1998** (10.03.1998)
- (25) de (26) de
- (31) 197 11 367.2 (32) **19 Mar/mar 1997** (33) DE (19.03.1997)
- (31) 197 49 211.8 (32) **7 Nov/nov 1997** (33) DE (07.11.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 21/64**
- (54) ● PROCESS AND DEVICE FOR ASCERTAINING A CHARACTERISTIC VALUE OF A MATERIAL BY MEANS OF PHOTOLUMINESCENCE
● PROCEDE ET DISPOSITIF DE CALCUL D'UNE VALEUR CARACTERISTIQUE D'UNE SUBSTANCE AU MOYEN DE LA PHOTOLUMINESCENCE
- (71, 72) **BROICHER, Heribert** [DE/DE]; Bergtal 7A, D-38640 Goslar (DE).
- (74) **LEINE, Sigurd** et al. / etc.; Burckhardtstrasse 1, D-30163 Hannover (DE).
- (81) AU BR MX US.
- Published / Publiée : (c)
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- (11) **WO 98/41845** (13) A1
- (21) PCT/US98/05463
- (22) **18 Mar/mar 1998** (18.03.1998)
- (25) en (26) en
- (31) 08/819,050 (32) **18 Mar/mar 1997** (33) US (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 21/64**
- (54) ● MODULAR FIBER OPTIC FLUOROMETER
● FLUORIMETRE A FIBRES OPTIQUES MODULAIRE
- (71) **PHYSICAL OPTICS CORPORATION** [US/US]; Building 100, 20600 Gramercy Place, Torrance, CA 90501 (US).
- (72) **MENDOZA, Edgar, A.**; 2803 Faber Street, Redondo Beach, CA 90278 (US).
SORENSEN, James, E.; 13002 Mallory Road, Onyx, CA 93255 (US).
LIEBERMAN, Robert, A.; 1309 Florwood Avenue, Torrance, CA 90503 (US).
- (74) **NILLES, Andrew, J.** et al. / etc.; Nilles & Nilles, S.C., Firststar Center, Suite 2000, 777 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41846** (13) A1
- (21) PCT/US98/04375

(22) 6 Mar/mar 1998 (06.03.1998)

(25) en (26) en

(31) 60/039,084 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/65, G01J 3/44

(54) ● IMPROVED RAYLEIGH BACKSCATTER CONTROL APPARATUS AND METHOD

● APPAREIL ET PROCEDE AMELIORESDE COMMANDE DE RETRODIFFUSION DE RAYLEIGH

(71) ROSEMOUNT ANALYTICAL INC. [US/US]; 600 South Harbor Boulevard, La Habra, CA 90631-6193 (US).

(72) JARVIS, John, M.; 6901 West 110th Street, Bloomington, MN 55438 (US). O'DONNELL, John, J.; 151 Industrial Estate, Shannon, County Clare (IE). O'CONNOR, Eamon; 151 Industrial Estate, Shannon, County Clare (IE).

(74) WESTMAN, Nickolas, E. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41847 (13) A1

(21) PCT/US98/04455

(22) 6 Mar/mar 1998 (06.03.1998)

(25) en (26) en

(31) 60/041,096 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/65

(54) ● CHEMICAL ANALYZER WITH FREE SPACE COMMUNICATION LINK

● ANALYSEUR CHIMIQUE A LIAISON DE COMMUNICATION DANS L'ESPACE LIBRE

(71) ROSEMOUNT ANALYTICAL INC. [US/US]; 600 South Harbor Boulevard, La Habra, CA 90631-6193 (US).

(72) JARVIS, John, M.; 6901 West 110th Street, Bloomington, MN 55438 (US). O'DONNELL, John, J.; 151 Industrial Estate, Shannon, County Clare (IE). O'CONNOR, Eamon; 151 Industrial Estate, Shannon, County Clare (IE).

(74) WESTMAN, Nickolas, E. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41848 (13) A1

(21) PCT/US98/04839

(22) 6 Mar/mar 1998 (06.03.1998)

(25) en (26) en

(31) 60/041,098 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/65, G01J 3/44

(54) ● IMPROVED LOW NOISE RAMAN ANALYZER SYSTEM

● SYSTEME AMELIORE D'ANALYSEUR RAMAN A FAIBLE BRUIT

(71) ROSEMOUNT ANALYTICAL INC. [US/US]; 600 South Harbor Boulevard, La Habra, CA 90631-6193 (US).

(72) JARVIS, John, M.; 6901 West 110th Street, Bloomington, MN 55438 (US). O'DONNELL, John, J.; 151 Industrial Estate, Shannon, County Clare (IE). O'CONNOR, Eamon; 151 Industrial Estate, Shannon, County Clare (IE).

(74) WESTMAN, Nickolas, E. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41849 (13) A1

(21) PCT/US98/04840

(22) 6 Mar/mar 1998 (06.03.1998)

(25) en (26) en

(31) 60/040,769 (32) 14 Mar/mar 1997 (33) US (14.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/65, G01J 3/44

(54) ● IMPROVED RAYLEIGH BACKSCATTER CONTROL APPARATUS AND METHOD

● APPAREIL ET PROCEDE AMELIORE DE REGULATION DE LA RETRODIFFUSION DE RAYLEIGH

(71) ROSEMOUNT ANALYTICAL INC. [US/US]; 600 South Harbor Boulevard, La Habra, CA 90631-6193 (US).

(72) JARVIS, John, M.; 6901 West 110th Street, Bloomington, MN 55438 (US). O'DONNELL, John, J.; 151 Industrial Estate, Shannon, County Clare (IE). O'CONNOR, Eamon; 151 Industrial Estate, Shannon, County Clare (IE).

(74) WESTMAN, Nickolas, E. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) DE GB JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(11) WO 98/41850 (13) A1

(21) PCT/US98/03552

(22) 24 Feb/fév 1998 (24.02.1998)

(25) en (26) en

(31) 08/818,349 (32) 17 Mar/mar 1997 (33) US (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/86

(54) ● PROBING WITH BACKSIDE EMISSION MICROSCOPY

● CONTROLE PAR MICROSCOPIE D'EMISSION DE LA FACE ARRIERE

(71) PROBING SOLUTIONS, INCORPORATED [US/US]; Suite B, 1555 Forrest Way, Carson City, NV 89706 (US).

(72) HOLLMAN, Kenneth, F.; 4500 Levi Gulch, Carson City, NV 89703 (US). KARLSSON, Hans, E.; 4550 Apollo Drive, Carson City, NV 89706 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle, Chicago, IL 60603 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41851 (13) A1

(21) PCT/US98/05084

(22) 17 Mar/mar 1998 (17.03.1998)

(25) en (26) en

(31) 08/819,304 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 21/88, G01B 11/00, H04N 7/18

(54) ● INTEGRAL FIELD LENS ILLUMINATION FOR VIDEO INSPECTION

● ECLAIRAGE DE LENTILLE DE CHAMP INCORPOREE DANS UN SYSTEME DE CONTROLE VIDEO

(71) PRESSCO TECHNOLOGY, INC. [US/US]; 29200 Aurora Road, Solon, OH 44139-1847 (US).

(72) COCHRAN, Don, W.; 7521 Chelsea Lane, Gates Mills, OH 44040 (US). CECH, Steve; 670 Rock Creek Drive, Aurora, OH 44202 (US). GRAVES, Terry, L.; 537 Silvercrest Road, Wadsworth, OH 44281 (US). FEIN, Howard; 207 Richmond Road, Richmond Heights, OH 44143 (US).

(74) MINNICH, Richard, J.; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) WO 98/41852 (13) A1

(21) PCT/US97/23238

(22) 15 Dec/déc 1997 (15.12.1997)

(25) en (26) en

(31) 08/819,785 (32) 18 Mar/mar 1997 (33) US (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ G01N 27/407

(54) ● OXYGEN SENSOR

● DETECTEUR D'OXYGENE

(71) GENERAL MOTORS CORPORATION [US/US]; P.O. Box 33114, Detroit, MI 48232 (US).

(72) KUISELL, Richard, Courtney; 1384 Sawdust Corners Road, Lapeer, MI 48446 (US). ACHEY, David, Earl; 6440 South Belsay Road, Grand Blanc, MI 48439 (US). DUCE, Richard, William; 1111 McKinley Road, Flushing, MI 48433 (US).

(74) SIMON, Anthony, L.; General Motors Corporation, Legal Staff, P.O. Box 33114, Detroit, MI 48232 (US).

(81) BR DE GB MX PT; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/41853 (13) A1

(21) PCT/GB98/00776

(22) 16 Mar/mar 1998 (16.03.1998)

(25) en (26) en

- (31) 9705278.1 (32) **14 Mar/mar 1997** (33) GB (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 27/414**
- (54) ● GAS SENSOR
● DETECTEUR DE GAZ
- (71) **AROMASCAN PLC** [GB/GB]; Electra House, Electra Way, Crewe, Cheshire CW1 1WZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAYNE, Peter, Alfred** [GB/GB]; 16 The Stables, Tabley House, Tabley, Knutsford, Cheshire WA16 0HA (GB). **PERSAUD, Krishna, Chandra** [GY/GB]; 26 Wilmslow Road, Cheadle, Cheshire SK8 1NE (GB). **HATFIELD, John, Vernon** [GB/GB]; Dept. of Electrical Engineering and Electronics, P.O. Box 88, Manchester M60 1QD (GB).
- (74) **McNEIGHT, David, Leslie** et al. / etc.; Mc-Neight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41854** (13) A1
(21) PCT/CA98/00239
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/819,910 (32) **18 Mar/mar 1997** (33) US (18.03.1997)
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G01N 27/447**
(54) ● HIGH DYNAMIC RANGE APPARATUS FOR SEPARATION AND DETECTION OF POLYNUCLEOTIDE FRAGMENTS
● APPAREIL A INTERVALLE DE MESURE ETENDU
- (71) **VISIBLE GENETICS INC.** [CA/CA]; 700 Bay Street, Box 333, Toronto, Ontario M5G 1Z6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WATERHOUSE, Paul** [CA/CA]; 2145 Governor's Road, Copetown, Ontario L0R 1J0 (CA). **IZMAILOV, Alexandre, M.** [RU/CA]; 114 Longboat Avenue, Toronto, Ontario M5A 4G3 (CA). **ZALESKI, Henryk** [CA/CA]; Unit 4, 8646 Willoughby Drive, Niagara Falls, Ontario L2G 6X7 (CA). **RENFREW, John, A.** [CA/CA]; 1340 Mountain Grove Avenue, Burlington, Ontario L7P 2W2 (CA). **CASSIDY, James, W.** [CA/CA]; 458 Thorndale Drive, Waterloo, Ontario N2T 1V4 (CA).
- (74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41855** (13) A1
(21) PCT/CA98/00235
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
- (31) 08/818,038 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01N 30/18, 1/40**
- (54) ● METHOD AND DEVICE FOR SOLID PHASE MICROEXTRACTION AND DESORPTION
● PROCEDE ET DISPOSITIF DE MICROEXTRACTION EN PHASE SOLIDE ET DESORPTION
- (71, 72) **PAWLISZYN, Janusz, B.** [CA/CA]; 383 Dunvegan Drive, Waterloo, Ontario N2K 1W7 (CA).
- (74) **SCHNURR, Daryl, W.**; 18 Weber Street West, P.O. Box 2607, Kitchener, Ontario N2H 6N2 (CA).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41856** (13) A1
(21) PCT/JP98/01031
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) ja (26) ja
(31) 9/61318 (32) **14 Mar/mar 1997** (33) JP (14.03.1997)
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G01N 30/64, 27/30**
(54) ● LIQUID CHROMATOGRAPHY ELECTRO-CHEMICAL DETECTOR, LIQUID CHROMATOGRAPH, AND ANALYZING METHOD USING THE CHROMATOGRAPH
● DETECTEUR ELECTROCHIMIQUE PAR CHROMATOGRAPHIE EN PHASE LIQUIDE, CHROMATOGRAPHE EN PHASE LIQUIDE ET METHODE D'ANALYSE ASSOCIEE
- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-Chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Tomohiko** [JP/JP]; Shiseido Research Center (1), 1050, Nippacho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **SHIROTA, Osamu** [JP/JP]; Shiseido Research Center (1), 1050, Nippacho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP).
- (74) **ITOH, Tadahiko**; 32nd floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41857** (13) A2
(21) PCT/US98/05364
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 08/819,907 (32) **18 Mar/mar 1997** (33) US (18.03.1997)
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G01N 31/22**
(54) ● METHOD FOR MEASURING THE LEVEL OF CARBOXYLATE ANION IN ENGINE COOLANT AND TEST KIT FOR CARRYING OUT THE METHOD
● PROCEDE SERVANT A MESURER LE TAUX D'ANIONS DE CARBOXYLATE DANS UN LIQUIDE DE REFROIDISSEMENT DE MOTEUR ET ENSEMBLE TEST PERMETTANT DE METTRE EN OEUVRE LE PROCEDE
- (71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 2000 Westchester Avenue, White Plains, NY 10650-0001 (US).
- (72) **PELLET, Regis, J.**; 31 Wolf Road, Croton-On-Hudson, NY 10520 (US). **BARTLEY, Leonard, S., Jr.**; 21 Blake Street, Newburg, NY 12550 (US). **VAN DE VEN, Paul, M., V.**; 68 Highland Court, Fishkill, NY 12524 (US).
- (74) **DILWORTH, Peter, G.** et al. / etc.; Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41858** (13) A2
(21) PCT/GB98/00780
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 9705281.5 (32) **14 Mar/mar 1997** (33) GB (14.03.1997)
(31) 9718288.5 (32) **29 Aug/août 1997** (33) GB (29.08.1997)
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G01N 33/00, F24F 11/00**
(54) ● FUME EXTRACTION APPARATUS
● DISPOSITIF D'EVACUATION DE FUMEE
- (71) **OK INTERNATIONAL LIMITED** [GB/GB]; Unit 1 Barton Farm Estate, Chickenhall Lane, Eastleigh, Hampshire SO50 6RR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FLYNN, Neil, Edward** [GB/GB]; 98 Hazelwood Road, Hazel Grove, Stockport, Cheshire SK7 4NB (GB).
- (74) **HOGG, Jeffery, Keith**; Withers & Rogers, 4 Dyer's Buildings, Holborn, London EC1N 2JT (GB).
- (81) CA CN GB JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41859** (13) A1
(21) PCT/US98/04566
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) en (26) en
(31) 08/819,240 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G01N 33/00, 33/48, 33/50**
(54) ● NOVEL POLYMERIZED CRYSTALLINE COLLOIDAL ARRAY SENSORS
● NOUVEAUX CAPTEURS A RESEAU COLLOIDAL CRISTALLIN POLYMERISE
- (71) **UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; 911 William Pitt Union, Pittsburgh, PA 15260 (US).

- (72) **ASHER, Sanford, A.**; 6425 Bartlett Street, Pittsburgh, PA 15217 (US). **HOLTZ, John, H.**; 5527 Ellsworth Avenue #205, Pittsburgh, PA 15232 (US).
- (74) **SEIDE, Rochelle, K.**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41860** (13) A1

(21) PCT/CA98/00209

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/039,202 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/12, A22B 5/00**

(54) ● PROCESS FOR DETERMINING A TISSUE COMPOSITION CHARACTERISTIC OF AN ANIMAL

● PROCEDE DE DETERMINATION D'UNE CARACTERISTIQUE DE LA COMPOSITION TISSULAIRE D'UN ANIMAL

(71) **HER MAJESTY THE QUEEN IN RIGHT OF CANADA** as represented by **THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA** [CA/CA]; 6000 C & E Trail, Lacombe, Alberta T4L 1W1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHAEFER, Allan, L.** [CA/CA]; P.O. Box 1827, Lacombe, Alberta T0C 1S0 (CA). **TONG, Alan, Kwai-Wah** [CA/CA]; 51 Burns Crescent, Lacombe, Alberta T4L 1N9 (CA).

(74) **McKAY-CAREY, Mary, Jane**; McKay-Carey & Company, 2125 Commerce Place, 10155 - 102nd Street, Edmonton, Alberta T5J 4G8 (CA).

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

Published / Publiée : (c)

(11) **WO 98/41861** (13) A1

(21) PCT/CA98/00227

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/036,585 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/12, 33/573, C12Q 1/68**

(54) ● METHOD FOR DETERMINING PREDISPOSITION TO BOAR TAIN

● PROCEDE SERVANT A DETERMINER SI UN VERRAT DONNERA DE LA VIANDE AYANT UNE ODEUR SEXUELLE

(71) **UNIVERSITY OF GUELPH** [CA/CA]; Office of the Vice President of Research, Reynolds Building, Room 214, Guelph, Ontario N1G 2W1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SQUIRES, E., James** [CA/CA]; 6 Dovercliffe Road, Guelph, Ontario N1G 2B4 (CA). **DAVIS, Shawn** [CA/CA]; R.R. #4, Rockwood, Ontario N0B 2K0 (CA). **STEGGLES, Alan, W.** [US/US]; 3192 Shawnee Trail, Ravenna, OH 44266 (US). **VANDERMARK, Petra** [US/US]; 3673 Oak Road, Stow, OH 44224 (US).

(74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

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

Published / Publiée : (c)

(11) **WO 98/41862** (13) A1

(21) PCT/US98/04870

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/041,533 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/18**

(54) ● AN APPARATUS AND METHOD FOR AUTOMATED BIOMONITORING OF WATER QUALITY

● APPAREIL ET PROCEDE METTANT EN OEUVRE UNE SURVEILLANCE BIOLOGIQUE AUTOMATISEE DE LA QUALITE DE L'EAU

(71) **UNITED STATES** as represented by **THE SECRETARY OF THE ARMY** [US/US]; U.S. Army Center for Environmental Health Research, 568 Doughten Drive, Fort Detrick, MD 21702 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHED, Tommy, R.** [US/US]; 7405 Holter Road, Middletown, MD 21769 (US). **LEACH, Jeffrey, D.** [US/US]; 1507 West 9th Street, Frederick, MD 21702 (US). **BISHOFF, Robert, C.** [US/US]; 6134 Cleveland Road, Boonsboro, MD 21713 (US). **WIDDER, Mark, W.** [US/US]; 7415 Browns Mill Road, Chambersburg, PA 17201 (US). **VAN DER SCHALIE, William, H.** [US/US]; 9407 Daysville Avenue, Walkersville, MD 21793 (US).

(74) **SAMUELS, Frederick, N.** et al. / etc.; Cahn & Samuels, LLP, Suite 200, 2000 P Street, N.W., Washington, DC 20036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41863** (13) A1

(21) PCT/US97/03900

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/48, 21/00, 21/01, 21/03, 1/10, B01L 3/00**

(54) ● MULTIPLE SIMULTANEOUS TESTING MEDIA

● SUPPORTS POUR ANALYSES MULTIPLES SIMULTANEEES

(71) **COMPUCYTE CORP.** [US/US]; 12 Emily Street, Cambridge, MA 02139-4517 (US).

(72) **CLATCH, Richard, J.**; 3823 Chester Drive, Glenview, IL 60025 (US).

(74) **NISSENBAUM, Israel**; Graham & James LLP, 885 Third Avenue, New York, NY 10022 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41864** (13) A1

(21) PCT/FI98/00238

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 971124 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/50, C12Q 1/68**

(54) ● DIAGNOSIS OF EARLY GASTRIC CANCER

● DIAGNOSTIC PRECOCE DU CANCER GASTRIQUE

(71) **LOCUS GENEX OY** [FI/FI]; Laippatie 1, FIN-00880 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RISTIMÄKI, Ari** [FI/FI]; Orapihlajakuja 6 as. 1, FIN-00320 Helsinki (FI). **HÄRKÖNEN, Matti** [FI/FI]; Harjuviita 14 C 24, FIN-02100 Espoo (FI).

(74) **OY JALO ANT-WUORINEN AB**; Iso Roobertintkatu 4-6 A, FIN-00120 Helsinki (FI).

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

Published / Publiée : (c)

(11) **WO 98/41865** (13) A1

(21) PCT/AU98/00176

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) PO 5712 (32) **19 Mar/mar 1997 (19.03.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/53, 33/564, 33/566**

(54) ● METHOD FOR THE DIAGNOSIS OF RHEUMATOID ARTHRITIS

- METHODES DIAGNOSTIQUES DE LA POLYARTHRITE RHUMATOIDE

(71) **MONTECH MEDICAL DEVELOPMENTS PTY. LTD.** [AU/AU]; 1st floor, 30 Collins Street, Melbourne, VIC 3000 (AU). **RONDOLE PTY. LTD.** [AU/AU]; 39 Murray Street, Hobart, TAS 7000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOK, Andrew** [AU/AU]; 18 McCulloch Street, Nunawading, VIC 3131 (AU). **ROWLEY, Merrill** [AU/AU]; 31 Stanhope Grove, Camberwell, VIC 3124 (AU). **MACKAY, Ian** [AU/AU]; 3 Beamsley Street, Malvern, VIC 3144 (AU).

(74) **HUGUES, E., John, L.** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

(11) **WO 98/41866** (13) A1

(21) PCT/US98/04610

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 60/040,795 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/53, 33/544, 33/531**

(54) ● A HIGH THROUGHPUT ASSAY USING FUSION PROTEINS
● DOSAGE A HAUTE CAPACITE DANS LEQUEL DES PROTEINES DE FUSION SONT UTILISEES

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERMES, Jeffrey, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **SALOWE, Scott, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **SINCLAIR, Peter, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

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

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41867** (13) A1

(21) PCT/US98/04854

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/820,017 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/53, 33/541, 33/553**

(54) ● DETECTION OF WATER-BORNE PARASITES USING ELECTROCHEMILUMINESCENCE

- DETECTION DE PARASITES PRESENTS DANS L'EAU PAR ELECTROCHIMILUMINESCENCE

(71) **IGEN INTERNATIONAL, INC.** [US/US]; 16020 Industrial Drive, Gaithersburg, MD 20877 (US).

(72) **WILLIAMS, Richard, O.**; 9408 Althea Court, Potomac, MD 20854 (US). **KENTEN, John, H.**; 21021 Sugar Ridge Terrace, Boyds, MD 20841 (US).

(74) **EVANS, Barry** et al. / etc.; Whitman Breed Abbott & Morgan LLP, 200 Park Avenue, New York, NY 10166 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41868** (13) A1

(21) PCT/US98/06044

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/820,999 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/544, 33/546, 33/551, 33/567, 33/86, C12Q 1/56**

(54) ● AGGLUTRIMETRIC ASSAYS IN BLOOD
● METHODES D'ANALYSE AGGLUTIMETRIQUE DU SANG

(71) **ACCUMETRICS, INC.** [US/US]; 3985-B Sorrento Valley Road, San Diego, CA 92121 (US).

(72) **DURBIN, Dennis, A.**; 711 Marsolan Avenue, Solana Beach, CA 92075 (US). **LEE, Theodore, T.**; P.O. Box 9405, Rancho Santa Fe, CA 92067 (US). **RATNIKOV, Boris, I.**; 10876 Avenida de los Lobos, San Diego, CA 92127 (US). **HILLMAN, Robert, S.**; 4963 Hidden Dune Court, San Diego, CA 92130 (US). **SMITH, Jeffrey, W.**; 12602-6 Carmel Country Road, San Diego, CA 92130 (US).

(74) **CHOW, Ping Y.**; Heller, Ehrman, White & McAuliffe, 3401 Hillview Avenue A2-200, Palo Alto, CA 94304 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41869** (13) A1

(21) PCT/US98/05462

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,888 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 60/071,046 (32) **13 Jan/jan 1998 (13.01.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/549**

(54) ● METHODS FOR SCREENING COMPOUNDS USING ENCAPSULATED CELLS

● METHODES DE TRI DE COMPOSES AU MOYEN DE CELLULES ENCAPSULEES

(71) **CHROMAXOME CORPORATION** [US/US]; 3550 General Atomics Court, San Diego, CA 92121 (US).

(72) **NASBY, Nicole, M.**; 4656 Niagara Avenue, San Diego, CA 92107 (US). **PETERSON, Todd, C.**; 652 Diamond Drive, Chula Vista, CA 91911 (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

Published / Publiée : (c)

(11) **WO 98/41870** (13) A1

(21) PCT/GB98/00815

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705667.5 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/558, 33/52, 33/543**

(54) ● RECORDING ASSAY DEVICE
● DISPOSITIF DE TEST ET D'ENREGISTREMENT

(71, 72) **JACKSON, James, Richard** [GB/GB]; The Laithe House, Woods Lane, Cliddesden, Hampshire RG25 2JF (GB).

(74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (GB).

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

(11) **WO 98/41871** (13) A1

(21) PCT/GB98/00733

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 9705376.3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/563, 33/68**

(54) ● ANTIBODY FRAGMENT CONFIGURATIONS FOR DETECTING ANALYTES
● FORMES DE FRAGMENTS D'ANTICORPS DESTINEES A LA DETECTION D'ANALYTES

(71, 72) **HARRIS, William** [GB/GB]; 18 Queen Street, Carnoustie, Angus DD7 7AB (GB). **PORTER, Andrew** [GB/GB]; 114 Laurel Avenue, Danestone, Aberdeen AB22 8JQ (GB). **GRANT, Steven** [GB/GB]; 3 Mayfield Wynd, Tain, Ross-shire IV19 1I1 (GB).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41872** (13) A1

(21) PCT/SE98/00496

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9701010-2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/566, 33/74, C07K 16/28**

(54) ● METHOD FOR DETERMINING CYTOKINE RECEPTOR ACTIVATION BY THE USE OF AN ANTIBODY

● PROCÉDE POUR DETERMINER L'ACTIVATION DE RECEPTEURS DE CYTOKINES AU MOYEN D'UN ANTICORPS

(71) **PHARMACIA & UPJOHN AB** [SE/SE]; S-112 87 Stockholm (SE). **CONSEJO SUPERIOR DE INVESTIGACIONES** [ES/ES]; Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINEZ ALONSO, Carlos** [ES/ES]; San Martín de Porres, 14, E-28035 Madrid (ES). **MEL-LADO GARCIA, José Mario** [ES/ES]; Martín de los Heros, 23, E-28008 Madrid (ES). **KREMER BARON, Leonor** [ES/ES]; Fuente de la Piedra, 12, Soto del Real, E-28791 Madrid (ES). **RODRIGUEZ FRADE, José Miguel** [ES/ES]; Chile, 32, E-28016 Madrid (ES).

(74) **TANNERFELDT, Agneta** et al. / etc.; Pharmacia & Upjohn AB, S-112 87 Stockholm (SE).

(81) AU CA JP NO NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41873** (13) A1

(21) PCT/GB98/00772

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705299.7 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(31) 9719919.4 (32) **18 Sep/sep 1997 (18.09.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 33/574, 33/569, C07K 14/47**

(54) ● METHODS FOR IDENTIFYING CELL CYCLE REGULATORS

● PROCÉDE PERMETTANT D'IDENTIFIER DES REGULATEURS DE CYCLE CELLULAIRE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB). **THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW** [GB/GB]; 2 The Square, University Avenue, Glasgow G12 8QQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Susanne, Moira** [GB/GB]; Institute of Neurological Sciences, Neurovirology Research Laboratories, Southern General Hospital NHS Trust, Glasgow G51 4TF (GB). **MACLEAN, Alasdair, Roderick** [GB/GB]; MRC

Virology Unit, Church Street, Glasgow G11 5JR (GB). **HARLAND, June** [GB/GB]; Institute of Neurological Sciences, Neurovirology Research Laboratories, Southern General Hospital NHS Trust, Glasgow G51 4TF (GB).

(74) **WOODS, Geoffrey, Corlett; J.A. Kemp & Co.,** 14 South Square, Gray's Inn, London WC1R 5LX (GB).

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

(11) **WO 98/41874** (13) A1

(21) PCT/FR98/00455

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) fr (26) fr

(31) 97/03211 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 35/00, 27/447**

(54) ● DEVICE AND METHOD FOR AUTOMATIC ANALYSIS OF SAMPLES ON GELS

● DISPOSITIF ET PROCÉDE D'ANALYSE AUTOMATIQUE D'ECHANTILLONS SUR GELS

(71) **GENETHON II** [FR/FR]; 1, rue de l'Internationale, Boîte postale 60, F-91002 Evry Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GINOT, Frédéric** [FR/FR]; 55, avenue du Maréchal Leclerc, F-38340 Voreppe (FR). **GYAPAY, Gabor** [FR/FR]; 18, rue Camille Pelletan, F-92290 Châtenay-Malabry (FR). **PETAT, Cyrille** [FR/FR]; 21, rue Gustave Pitiot, F-77380 Combs la Ville (FR).

(74) **GUTMANN, Ernest** et al. / etc.; Ernest Gutmann-Yves Plasseraud S.A., 3 rue Chauveau-Lagarde, F-75008 Paris (FR).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41875** (13) A1

(21) PCT/FR98/00506

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) fr (26) fr

(31) 97/03092 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01N 35/04, 30/46**

(54) ● APPARATUS FOR PREPARING SAMPLES WITH SLIDER BOX

● APPAREIL DE PREPARATION D'ECHANTILLONS AVEC ASCENSEUR

(71) **GILSON S.A.** [FR/FR]; 72, rue Gambetta, F-95400 Villiers-le-Bel (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUBACKI, Michel** [FR/FR]; 2, square de Prades, F-95380 Louvres (FR). **MARTEAU D'AUTRY, Eric** [FR/FR]; 1, rue Boutarel, F-75004 Paris (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41876** (13) A1

(21) PCT/US98/05205

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,852 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01P 3/36, G01N 21/64, 15/02, 21/00**

(54) ● SYSTEM FOR DETECTING FLUORESCING COMPONENTS IN AEROSOLS

● SYSTEME DE DETECTION DE COMPOSANTS FLUORESCENTS DANS DES AEROSOLS

(71) **TSI INCORPORATED** [US/US]; 500 Cardigan Road, P.O. Box 64394, St. Paul, MN 55164 (US).

(72) **HAIRSTON, Peter, P.**; 474 Desnoyer Avenue, St. Paul, MN 55104 (US). **QUANT, Frederick, R.**; 3370 Chandler Road, Shoreview, MN 55126 (US).

(74) **NIEBUHR, Frederick, W.**; Larkin, Hoffman, Daly & Lindgren, Ltd., 7900 Xerxes Avenue South #1500, Bloomington, MN 55431 (US).

(81) CA DE.

Published / Publiée : (c)

(11) **WO 98/41877** (13) A1

(21) PCT/US98/05342

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,832 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01R 1/06, 31/02**

(54) ● RESILIENT CONNECTOR HAVING A TUBULAR SPRING

● CONNECTEUR RESILIENT COMPORTANT UN RESSORT TUBULAIRE

(71) **ALPHATEST CORPORATION** [US/US]; Suite 6, 557 E. Juanita Avenue, Mesa, AZ 85204 (US).

(72) **TARZWELL, Patrick, James**; 2242 N. Rico Circle, Mesa, AZ 85213 (US).

(74) **CAHILL, William, C.**; Cahill, Sutton & Thomas P.L.C., Suite 155, 2141 E. Highland Avenue, Phoenix, AZ 85016 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41878** (13) A1

(21) PCT/SE97/00462

(22) **20 Mar/mar 1997 (20.03.1997)**

- (25) sv (26) en
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01R 1/073, 31/28**
- (54) ● APPARATUS FOR TESTING BOARDS PROVIDED WITH ELECTRICALLY CONDUCTIVE PATTERNS AND AN ADAPTER INTENDED FOR SUCH AN APPARATUS
- APPAREIL D'ESSAI DE PLAQUETTES DE CIRCUITS IMPRIMÉS CONDUCTEURS ET ADAPTATEUR LUI ÉTANT DESTINÉ
- (71, 72) **STRANDBERG, Reinhold** [SE/SE]; Bäckvägen 34, S-818 92 Valbo (SE).
- (74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
-
- (11) **WO 98/41879** (13) A2
- (21) PCT/IB98/00243
- (22) **27 Feb/fév 1998 (27.02.1998)**
- (25) en (26) en
- (31) 97200795.9 (32) **17 Mar/mar 1997 (17.03.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01R 29/08**
- (54) ● MEASUREMENT SYSTEM INCLUDING ANTENNA
- SYSTÈME DE MESURE A ANTENNE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **DRAAIJER, Maurice, Herman, Johan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41880** (13) A2
- (21) PCT/DE98/00608
- (22) **2 Mar/mar 1998 (02.03.1998)**
- (25) de (26) de
- (31) 197 11 478.4 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01R 31/317**
- (54) ● INTEGRATED CIRCUIT AND METHOD FOR TESTING THE SAME
- CIRCUIT INTEGRE ET PROCEDE POUR ESSAYER LEDIT CIRCUIT INTEGRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOLLES, Jürgen** [DE/DE]; Breithornstrasse 9, D-81825 München (DE). **VIEHMANN, Hans-Heinrich** [DE/DE]; Gustav-Heinemann-Ring 33, D-81739 München (DE).
- (81) BR CN JP KR MX RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/41881** (13) A1
- (21) PCT/GB98/00764
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 9705459.7 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01R 33/385**
- (54) ● A GRADIENT DRIVE SYSTEM FOR MAGNETIC RESONANCE IMAGING
- SYSTÈME D'ENTRAÎNEMENT A GRADIENT POUR IMAGERIE A RESONANCE MAGNETIQUE
- (71) **BRITISH TECHNOLOGY GROUP LIMITED** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUGHES, Raymond, Leonard** [GB/GB]; 130 Station Road, Harpenden, Herts AL5 4RH (GB).
- (74) **BUTTRICK, Richard**; British Technology Group Limited, Patents Division, 10 Fleet Place, London EC4M 7SB (GB).
- (81) CN IL JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/41882** (13) A1
- (21) PCT/CA98/00230
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 2,200,045 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CA
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01R 33/483**
- (54) ● METHOD OF EVALUATING THE EFFICACY OF DRUG ON BRAIN NERVE CELLS
- PROCEDE D'EVALUATION DE L'EFFICACITE D'UN MEDICAMENT SUR DES NEURONES DU CERVEAU
- (71, 72) **ARNOLD, Douglas, L.** [CA/CA]; 3605 University Street #5, Montréal, Québec H3A 2B3 (CA). **CASHMAN, Neil** [CA/CA]; 3859 Draper Avenue, Montréal, Québec H4A 2N9 (CA). **KALRA, Sanjay** [CA/CA]; 1563 Docteur Penfield #2, Montréal, Québec H3G 1C6 (CA).
- (74) **CÔTÉ, France**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).
- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/41883** (13) A1
- (21) PCT/US98/04813
- (22) **9 Mar/mar 1998 (09.03.1998)**
- (25) en (26) en
- (31) 08/828,816 (32) **15 Mar/mar 1997 (15.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01S 15/00, 1/72, H04N 7/18, 9/47**
- (54) ● THREE-DIMENSIONAL BEAMFORMED TELEVISION
- TELEVISION A FAISCEAUX MISE EN FORME EN TROIS DIMENSIONS
- (71, 72) **BULLIS, James, K.** [US/US]; 1155 Pimento Avenue, Sunnyvale, CA 94087 (US).
- (81) DE GB JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41884** (13) A1
- (21) PCT/US98/04859
- (22) **13 Mar/mar 1998 (13.03.1998)**
- (25) en (26) en
- (31) 60/040,572 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (31) 09/041,445 (32) **12 Mar/mar 1998 (12.03.1998)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01T 1/185**
- (54) ● DETECTOR FOR GAMMA RAYS
- DETECTEUR DE RAYONS GAMMA
- (71) **THE UNIVERSITY OF ALBERTA, SIMON FRASER UNIVERSITY, THE UNIVERSITY OF VICTORIA, AND THE UNIVERSITY OF BRITISH COLUMBIA, doing business as TRIUMF** [CA/CA]; 4004 Westbrook Mall, Vancouver, British Columbia V6T 2A3 (CA).
- (71, 72) **BRYMAN, Douglas** [US/CA]; 4454 West Seventh Avenue, Vancouver, British Columbia V6B 1Z1 (CA).
- (74) **WHISENHUNT, Fred, S.**; Griffin, Butler, Whisenhunt & Szipl, Suite PH-1, 2300 Ninth Street, South Arlington, VA 22204 (US).
- (81) AU CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41885** (13) A1
- (21) PCT/JP98/01115
- (22) **17 Mar/mar 1998 (17.03.1998)**
- (25) ja (26) ja
- (31) 9/63195 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G01V 1/40, 1/02, 1/20**
- (54) ● UNDERGROUND ACOUSTIC WAVE TRANSMITTER, RECEIVER, TRANSMITTING/RECEIVING METHOD, AND UNDERGROUND EXPLORATION USING THIS
- EMETTEUR ET RECEPTEUR D'ONDES ACOUSTIQUES SOUTERRAINES, PROCEDE D'EMISSION/RECEPTION ET EXPLORATION SOUTERRAINE LES UTILISANT

(71) **YAMAMOTO ENGINEERING CORPORATION** [US/US]; 12200 S.W. 89 Avenue, Miami, FL 33176 (US). **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Tokuo** [US/US]; 12200 S.W. 89 Avenue, Miami, FL 33176 (US). **SAKAKI-BARA, Junichi** [JP/JP]; Kawasaki Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(74) **TAKAYA, Satoshi** et al. / etc.; Shinjuku-Tsuji Building, 10-4, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) BR CA MX NO TT US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41886** (13) A1

(21) PCT/US98/05277

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,317 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G01V 3/00**

(54) ● **HR MAS NMR COILS WITH MAGIC ANGLE CAPACITORS**

● **BOBINES DE RMN MAS HAUTE RESOLUTION AVEC CONDENSATEURS A ANGLE MAGIQUE**

(71, 72) **DOTY, F., David** [US/US]; 224 Chimney Ridge Road, Columbia, SC 29229 (US). **YANG, Yungan** [CN/US]; 136 Whitehurst Way, Columbia, SC 29229 (US).

(74) **OPPEDAHL, Carl**; Oppedahl & Larson, P.O. Box 5270, Frisco, CO 80443-5270 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41887** (13) A1

(21) PCT/JP98/01119

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/65842 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 5/30, C08J 5/18**

(54) ● **POLARIZING FILM**

● **FILM POLARISANT**

(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) **ISOZAKI, Takanori** [JP/JP]; Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41888** (13) A1

(21) PCT/DE98/00798

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 11 283.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 6/42**

(54) ● **HERMETICALLY TIGHT OPTICAL TRANSMITTER MODULE**

● **MODULE D'EMISSION OPTIQUE ETANCHE**

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AURACHER, Franz** [AT/DE]; Eichenstrasse 26, D-82065 Baierbrunn (DE). **SCHNEIDER, Hartmut** [DE/DE]; Ignaz-Günther-Strasse 42, D-81927 München (DE).

(81) GB JP US.

Published / Publiée : (c)

(11) **WO 98/41889** (13) A2

(21) PCT/SE98/00527

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 9701027-6 (32) **20 Mar/mar 1997 (20.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 6/42**

(54) ● **CONNECTOR FOR AT LEAST ONE OPTICAL FIBRE**

● **CONNECTEUR POUR AU MOINS UNE FIBRE OPTIQUE**

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **BLOM, Claes**; S:ta Ingrid's väg 8, S-596 31 Skänninge (SE).

(74) **ERICSSON COMPONENTS AB**; Dept. for Intellectual Property Rights, S-164 81 Stockholm (SE).

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

(11) **WO 98/41890** (13) A1

(21) PCT/US97/13242

(22) **25 Jul/juil 1997 (25.07.1997)**

(25) en (26) en

(31) 08/819,247 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 6/42**

(54) ● **RECEPTACLE FOR DIRECT COUPLING OF OPTOELECTRONIC ELEMENTS**

● **ELEMENT FEMELLE DE COUPLAGE DIRECT D'ELEMENTS OPTRONIQUES**

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HENSON, Gordon, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **REYLEK, Robert, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CARPENTER, Barry, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **GWIN, H., Sanders** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41891** (13) A1

(21) PCT/US98/03159

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) 08/819,407 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 6/44**

(54) ● **FIBER OPTIC CABLE BEND RADIUS CONTROLLER**

● **DISPOSITIF DE CONTROLE DU RAYON DE COURBURE DE CABLES OPTIQUES**

(71) **TII INDUSTRIES, INC.** [US/US]; 1385 Akron Street, Copiague, NY 11726 (US).

(72) **MEYERHOEFER, Carl, E.**; 47 Grand Haven, Commack, NY 11725 (US).

(74) **DAILEY, Robert, J.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) DE GB JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41892** (13) A1

(21) PCT/FR98/00477

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) fr (26) fr

(31) 97/03080 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G02B 23/12, H04N 3/09, G01J 5/06**

(54) ● **OPTICAL ARCHITECTURE FOR INFRARED VIEWING SYSTEM**

● **ARCHITECTURE OPTIQUE POUR SYSTEME DE VISION INFRAROUGE**

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FORESTIER, Bertrand** [FR/FR]; Thomson-CSF S.C.P.L., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **RAGOT, Dominique** [FR/FR]; Thomson-CSF S.C.P.L., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **ROLLIN, Joël** [FR/FR]; Thomson-CSF S.C.P.L., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **THOMSON-CSF S.C.P.L.**; 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) IL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41893** (13) A1
(21) PCT/US98/05397
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 08/821,390 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02B 26/08**
(54) ● DISPLAY DEVICE INCORPORATING ONE-DIMENSIONAL HIGH-SPEED GRATING LIGHT VALVE ARRAY
● DISPOSITIF D'AFFICHAGE INCORPORANT UN RESEAU DE MODULATEURS DE LUMIERE A RESEAU DE DIFFRACTION GRANDE VITESSE A UNE DIMENSION

- (71) **SILICON LIGHT MACHINES, INC.** [US/US]; Suite 115, 385 Moffett Park Drive, Sunnyvale, CA 94089 (US).

- (72) **BLOOM, David, M.**; 140 Golden Oak Drive, Portola Valley, CA 94028 (US). **GODIL, Asif, A.**; 707 Continental Circle #1826, Mountain View, CA 94040 (US).

- (74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

- (81) AL AM AU BB BG BR CA CN CZ EE FI GE HU IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41894** (13) A1
(21) PCT/US98/05511
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 08/821,391 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02B 27/01, G09G 3/02**

- (54) ● DISPLAY SYSTEM INCLUDING AN IMAGE GENERATOR AND MOVABLE SCANNER FOR SAME
● SYSTEME D'AFFICHAGE COMPRENANT UN GENERATEUR D'IMAGES ET UN EXPLORATEUR MOBILE AFFERENT

- (71) **SILICON LIGHT MACHINES, INC.** [US/US]; Suite 115, 385 Moffett Park Drive, Sunnyvale, CA 94089 (US).

- (72) **BLOOM, David, M.**; 140 Golden Oak Drive, Portola Valley, CA 94028 (US). **GODIL, Asif, A.**; 707 Continental Circle #1826, Mountain View, CA 94040 (US).

- (74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

- (81) AL AM AU BB BG BR CA CN CZ EE FI GE HU IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41895** (13) A1
(21) PCT/US97/12758
(22) **27 Jun/juin 1997 (27.06.1997)**
(25) en (26) en
(31) 08/822,522 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/00, H04B 10/00**

- (54) ● REMOTELY CONTROLLED DIMMER
● GRADATEUR DE LUMIERE TELECOMMANDE

- (71, 72) **HARTZELL, Charles, J.** [US/US]; 130 Luna Lane, Hendersonville, TN 37075 (US).

- (74) **LANQUIST, Edward, D., Jr.**; Waddey & Patterson, Suite 2020, NationsBank Plaza, 414 Union Street, Nashville, TN 37219 (US).

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

- (11) **WO 98/41896** (13) A1
(21) PCT/JP98/00944
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) ja (26) ja
(31) 9/63483 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/1333**

- (54) ● LIQUID CRYSTAL DISPLAY DEVICE HAVING ELECTRIC SHOCK PREVENTIVE STRUCTURE
● DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES POSSEDANT UNE STRUCTURE DE PREVENTION CONTRE LES CHOCES ELECTRIQUES

- (71) **KABUSHIKI KAISHA PILOT** [JP/JP]; 8-1, Nishi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **IKEDA, Masahiko** [JP/JP]; 13-19-201, Banyuhon-cho, Hiratsuka-shi, Kanagawa 254-0024 (JP). **ABE, Yutaka** [JP/JP]; 28-32-202, Kurobeoka, Hiratsuka-shi, Kanagawa 254-0821 (JP). **SATO, Morio** [JP/JP]; 1041, Yoda, Fujisawa-shi, Kanagawa 252-0821 (JP).

- (74) **FUJIMOTO, Hiromitsu** et al. / etc.; Fujimoto Patent & Law Office, Sanno Grand Building 3F, Room 317, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

- (81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41897** (13) A1
(21) PCT/US98/04647
(22) **9 Mar/mar 1998 (09.03.1998)**
(25) en (26) en
(31) 60/040,764 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/1335, 1/13, 1/133**

- (54) ● LIQUID CRYSTAL PROJECTOR AND METHOD USING LOW BIREFRINGENCE LIQUID CRYSTAL AND SCHLIEREN OPTICS
● PROJETEUR A CRISTAUX LIQUIDES ET PROCEDE DANS LESQUELS DES DISPOSITIFS OPTIQUES STRIOSCOPIQUES ET A CRISTAUX LIQUIDES A BIREFRINGENCE FAIBLE SONT UTILISES

- (63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

- (71) **LAMBENT LLC** [US/US]; Suite 102, 3550 Lander Road, Pepper Pike, OH 44124 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FERGASON, James, L.** [US/US]; 158 Almen-dral Avenue, Atherton, CA 94027-3902 (US).

- (74) **SKLAR, Warren, A.**; Renner, Otto, Boisselle & Sklar, P.L.L., 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41898** (13) A2
(21) PCT/US98/04842
(22) **6 Mar/mar 1998 (06.03.1998)**
(25) en (26) en
(31) 08/820,057 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/16, G09F 9/37, H02J 17/00, G02F 1/13**

- (54) ● PRINTABLE ELECTRONIC DISPLAY
● DISPOSITIF D'AFFICHAGE ELECTRONIQUE IMPRIMABLE

- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

- (72) **TURNER, Christopher**; 25 Gorham Street, Somerville, MA 02144 (US). **JACOBSON, Joseph, M.**; Apartment 1, 31 Linnaean Street, Cambridge, MA 02139 (US). **COMISKEY, Barrett**; 50 Massachusetts Avenue, Cambridge, MA 02139 (US).

- (74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (US).

- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41899** (13) A2
(21) PCT/US98/04705
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) en (26) en
(31) 08/819,320 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/167**
(54) ● IMPROVED MICROENCAPSULATED ELECTROPHORETIC DISPLAY
● AFFICHEUR ELECTROPHORETIQUE MICRO-ENCAPSULE
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) **JACOBSON, Joseph, M.**; Apartment 1, 31 Linnaean Street, Cambridge, MA 02139 (US). **COMISKEY, Barrett**; 50 Massachusetts Avenue, Cambridge, MA 02139 (US). **ALBERT, Jonathan**; 69 Chestnut Street, Cambridge, MA 02139 (US).
- (74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41900** (13) A1
(21) PCT/FR98/00523
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) fr (26) fr
(31) 97/03180 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 1/35, H04B 10/18, H04L 7/027**
(54) ● OPTICAL REGENERATION FOR OPTICAL FIBRE TRANSMISSION SYSTEMS WITH SOLITON SIGNALS
● REGENERATION OPTIQUE POUR DES SYSTEMES DE TRANSMISSION A FIBRE OPTIQUE A SIGNAUX SOLITONS
- (71) **ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE** [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIGO, Sébastien** [FR/FR]; 17, rue Sainte Geneviève, F-91120 Palaiseau (FR). **DESURVIRE, Emmanuel** [FR/FR]; 32, rue de la Butte au Prieur, F-91680 Bruyères le Châtel (FR).
- (74) **FOURNIER, Michel** et al. / etc.; Alcatel Alsthom, DPI, 30, avenue Kléber, F-75116 Paris (FR).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/41901** (13) A1
(21) PCT/IB98/00239
(22) **27 Feb/fév 1998 (27.02.1998)**
(25) en (26) en
- (31) 97200789.2 (32) **17 Mar/mar 1997 (17.03.1997)** (33) EP
(34) NL et al. / etc.
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G02F 3/02, H03K 17/78**
(54) ● OPTICAL SWITCHING DEVICE
● COMMUTATEUR OPTIQUE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **DEN BROEDER, Friedrich, Johannes, Ary**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HANZEN, Ralph, Maria, Nicolaas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DUINE, Peter, Alexander**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **JUNGBLUT, Reinerd, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DRALJER, Cornelis**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROOZEBOM, Freddy**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER SLUIS, Paul**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **STOLK, Steven, A.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/41902** (13) A1
(21) PCT/BE97/00033
(22) **14 Mar/mar 1997 (14.03.1997)**
(25) en (26) en
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G03F 9/00**
(54) ● METHOD AND DEVICE FOR POSITIONING A SHEET-LIKE ELEMENT ON A SUPPORT
● PROCEDE DE MISE EN PLACE D'UN ELEMENT STRATIFORME SUR UN SUPPORT ET DISPOSITIF CORRESPONDANT
- (71) **BARCO GRAPHICS, NAAMLOZE VENNOOTSCHAP** [BE/BE]; Tramstraat 6953, B-9052 Zwijnaarde (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DEN BOSSCHE, Marc** [BE/BE]; Molenkouter 61, B-9520 Sint-Lievens-Houtem (BE). **DE VRIESE, Marnix** [BE/BE]; Krommendonck 23, B-9080 Zaffelare (BE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
-
- (11) **WO 98/41903** (13) A1
(21) PCT/SI97/00020
(22) **26 May/mai 1997 (26.05.1997)**
(25) en (26) en
(31) P-9700064 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SI
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G03G 15/20**
(54) ● DARKENER, STABILIZER AND HOMOGENIZER OF LASER PRINT OUT
- APPAREIL POUR OBSCURCIR, STABILISER ET HOMOGENEISER DES IMPRIMES LASER
- (71, 72) **PINTARIČ, Branko** [SI/SI]; Ane Zihlove 14, 1000 Ljubljana (SI).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41904** (13) A1
(21) PCT/IB97/00999
(22) **18 Aug/août 1997 (18.08.1997)**
(25) en (26) en
(31) 08/816,783 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G03H 1/02, B29C 39/14, B44C 1/24**
(54) ● A METHOD OF PRODUCING EMBOSSE, LIGHT-DIFFRACTING PATTERNS
● PROCEDE DE PRODUCTION DE MOTIFS EN RELIEF A DIFFRACTION DE LA LUMIERE
- (71) **METALLIZED PRODUCTS INC.** [US/US]; 37 East Street, Winchester, MA 10890 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DELANEY, William** [US/US]; 10 Timberedge Road, Stow, MA 01775 (US). **HOVASSE, Richard** [US/US]; 95 Old Nashua Road, Londonderry, NH 03053 (US).
- (74) **RINES, Robert, H.**; MacLeod & Co., Bledington Grounds, Bledington, Gloucestershire OX7 6XL (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41905** (13) A1
(21) PCT/JP98/01148
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) ja (26) ja
(31) 9/64071 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
(31) 9/278402 (32) **13 Oct/oct 1997 (13.10.1997)** (33) JP
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **G03H 1/24, 1/26, 1/04, G09F 9/00, 19/12, 13/04**
(54) ● OPTICAL DISPLAY
● AFFICHEUR OPTIQUE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKETOMI, Yoshinao** [JP/JP]; 1-16-13, Yamate-higashi, Kyotanabe-shi, Kyoto 610-0357 (JP). **KUBOTA, Toshihiro** [JP/JP]; 34-1-609, Nishihata, Ogura-cho, Uji-shi, Kyoto 611-0042 (JP). **TANJI, Yoshihiko** [JP/JP]; 6-7-13, Kofudai, Toyono-cho, Toyono-gun, Osaka 563-0104 (JP). **HAYASHI, Zenrou** [JP/JP]; 3-21-12, Ankoji-cho, Takatsuki-shi, Osaka 569-1029 (JP).

(74) **YAMAMOTO, Shusaku**; 15th floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

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

Published / Publiée : (c)

(11) **WO 98/41906** (13) A1

(21) PCT/JP98/01120

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/62869 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(31) 10/53023 (32) **5 Mar/mar 1998 (05.03.1998)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G04C 3/14, 10/00**

(54) ● ELECTRONIC WATCH PROVIDED WITH GENERATOR
● MONTRE ELECTRONIQUE A GENERATEUR

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANNO, Fumio** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). **MIYASAKA, Kenji** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). **SATOH, Kohichi** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). **IGARASHI, Kiyotaka** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). **HIGUCHI, Haruhiko** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP).

(74) **HATA, Yasuyuki** et al. / etc.; Akasaka-Taisei Building, 1-18, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41907** (13) A1

(21) PCT/EP98/01542

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 197 11 156.4 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G05B 13/02**

(54) ● ADAPTATION ALGORITHM FOR A CONTROLLER
● ALGORITHME D'ADAPTATION POUR UNE UNITE DE CONTROLE

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3 - 5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIKOLAUS, Heinrich** [DE/DE]; Am Jenfelder Bach 47, D-22043 Hamburg (DE).

(74) **MANNESMANN REXROTH AG**; Jahnstrasse 3 - 5, D-97816 Lohr (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41908** (13) A1

(21) PCT/GB98/00751

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/818,733 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G05B 13/02**

(54) ● AUTOMATED MATERIAL BALANCE SYSTEM FOR HYDROCARBON RESERVOIRS USING A GENETIC PROCEDURE

● SYSTEME AUTOMATISE DE BILAN MATIERE DESTINE A DES ROCHES RESERVOIRS D'HYDROCARBURES ET METTANT EN OEUVRE UNE PROCEDURE GENETIQUE

(71) **ATLANTIC RICHFIELD COMPANY** [US/US]; 2300 West Plano Parkway, Plano, TX 75075 (US).
(for all designated States except / pour tous les États désignés sauf MW)

(71) **ARCO BRITISH LIMITED** [GB/GB]; London Square, Cross Lanes (off London Road), Guildford, Surrey GU1 1UE (GB).
(only for / seulement pour MW)

(72) **McCORMACK, Michael, D.**; 1437 Debon Drive, Plano, TX 75075 (US). **MacALLISTER, Donald, J.**; 3601 Waynoka Drive, Carrollton, TX 75007 (US). **STOISITS, Richard, F.**; 2621 Chadbourne Drive, Plano, TX 75023 (US). **SCHERER, Perry, W.**; 3 Harris Lane, Harrison, NY 10528 (US). **MA, Tuan, D.**; 13010 Summer Circle, Anchorage, AK 99516 (US).

(74) **CROPP, John, Anthony, David**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) CA MW NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41909** (13) A1

(21) PCT/DE98/00754

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 10 521.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G05B 19/042**

(54) ● PROGRAMMABLE DEVICE FOR DISTRIBUTING ELECTRICAL CONTROL SIGNALS TO TECHNICAL APPLIANCES

● DISPOSITIF PROGRAMMABLE POUR REPARTIR DES SIGNAUX DE COMMANDE ELECTRIQUES SUR DES APPAREILS TECHNIQUES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖHLER, Harald** [DE/DE]; Fritz-von-Röth-Strasse 9, D-90409 Nürnberg (DE). **LENZ, Christian** [DE/DE]; Kortenredder 18, D-22397 Hamburg (DE).

(81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41910** (13) A1

(21) PCT/US98/05334

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,102 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 09/040,116 (32) **17 Mar/mar 1998 (17.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G05B 19/4093**

(54) ● CNC MACHINE HAVING INTERACTIVE CONTROL OF CORNER TOLERANCE

● MACHINE A COMMANDE NUMERIQUE INFORMATISEE (CNC) COMPORTANT UNE COMMANDE INTERACTIVE DE TOLERANCE DE COIN

(71) **GIDDINGS & LEWIS, INC.** [US/US]; 142 Doty Street, Fond du Lac, WI 54936 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE CAUSSIN, David, Michael** [US/US]; 19146 Stare Street, Northridge, CA 91324 (US). **DE CAUSSIN, Glenn, F.** [US/US]; 19030 Labrador Street, Northridge, CA 91324 (US).

(74) **BOEHM, Douglas, A.** et al. / etc.; Foley & Lardner, 777 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AU BR CA CN CZ GE HU IL JP KR LK MX NO NZ PL RO SG TR UA US YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41911** (13) A1

(21) PCT/US98/05794

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 60/041,119 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G05D 1/00**

(54) ● ALTITUDE ALERT SYSTEM FOR AIRCRAFT OPERATING IN REDUCED VERTICAL SEPARATION MINIMUM AIRSPACE AND METHOD THEREFOR

● SYSTEME D'ALERTE D'ALTITUDE POUR AERONEF EVOLUANT DANS UN ESPACE AERIEN MINIMUM A SEPARATION VERTICALE LIMITEE ET PROCEDE CORRESPONDANT

(71, 72) **HEDRICK, Geoffrey, S., M.** [US/US]; 14 Laurel Circle, Malvern, PA 19355-2912 (US).

(74) **ENG, Chi, K.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (US).

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

Published / Publiée : (c)

(11) **WO 98/41912** (13) A2

(21) PCT/US98/02964

(22) **26 Feb/fév 1998 (26.02.1998)**

- (25) en (26) en
- (31) 08/822,143 (32) **17 Mar/mar 1997** (33) US (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F**
- (54) ● METHOD AND APPARATUS FOR ADDING NEW FUNCTIONALITY TO A HEADEND
- PROCEDE ET APPAREIL AJOUTANT DE NOUVELLES FONCTIONNALITES A UNE TETE DE LIGNE
- (71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; One Technology Parkway South, Norcross, GA 30092 (US).
- (72) **AUMONT, Vincent**; Apartment 106, 1346 Pendrell Street, Vancouver, British Columbia 46E 1H8 (CA). **CIRKA, Samuel, V.**; 4213 Birchwood Crescent, Burnaby, British Columbia V5G 4E6 (CA). **HEIEIS, Mark, R., A.**; 736 East 13th Street North, Vancouver, British Columbia V7L 2M7 (CA).
- (74) **GARDNER, Kelly, A.** et al. / etc.; Scientific-Atlanta, Inc., One Technology Parkway South, Norcross, GA 30092 (US).
- (81) BR CN.
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- (11) **WO 98/41913** (13) A2
- (21) PCT/US98/05316
- (22) **18 Mar/mar 1998** (18.03.1998)
- (25) en (26) en
- (31) 08/820,955 (32) **19 Mar/mar 1997** (33) US (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F**
- (54) ● METHOD AND SYSTEM FOR CONTENT FILTERING INFORMATION RETRIEVED FROM AN INTERNET COMPUTER NETWORK
- PROCEDE ET SYSTEME DE FILTRAGE DU CONTENU D'INFORMATIONS RECUPERES SUR UN RESEAU INFORMATIQUE INTERNET
- (71) **BASCOM GLOBAL INTERNET SERVICES, INC.** [US/US]; 855-L Conklin Street, Farmingdale, NY 11735 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CIRASOLE, Peter** [-/US]; 452 Village Oaks Lane, Babylon, NY 11702 (US). **DEROSA, Robert** [-/US]; 311 Devon Lane, Smithtown, NY 11787 (US). **FOX, Robert** [-/US]; 110 Coalpit Hill Road C6, Danbury, CT 06810 (US).
- (74) **SOMMER, Evelyn, M.**; Skadden, Arps, Slate, Meagher & Flom LLP, 919 Third Avenue, New York, NY 10022-3897 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41914** (13) A1
- (21) PCT/JP97/00903
- (22) **19 Mar/mar 1997** (19.03.1997)
- (25) ja (26) ja
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F 3/033, B41J 29/00**
- (54) ● INPUT APPARATUS
- POSTE D'INTRODUCTION DE DONNEES
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-Chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASHIMO, Norihisa** [JP/JP]; Hitachi Seki-shinryo 1306, 1, Horiyamashita, Hadano-shi, Kanagawa 259-13 (JP). **IMAL, Tsuneo** [JP/JP]; Berurawarudobiru 605, 960-1, Kamigo, Ebina-shi, Kanagawa 243-04 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41915** (13) A1
- (21) PCT/JP97/00901
- (22) **19 Mar/mar 1997** (19.03.1997)
- (25) ja (26) ja
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F 3/06**
- (54) ● DISK ARRAY SUBSYSTEM
- SOUS-SYSTEME POUR PILE DE DISQUES
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **USUI, Yoshihito** [JP/JP]; Hitachi Akenoryo 2303, 411, Naruda, Odawara-shi, Kanagawa 250 (JP). **NAKANO, Toshio** [JP/JP]; 2-2-73, Matsunami, Chigasaki-shi, Kanagawa 253 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/41916** (13) A1
- (21) PCT/US98/05534
- (22) **19 Mar/mar 1998** (19.03.1998)
- (25) en (26) en
- (31) 08/821,745 (32) **20 Mar/mar 1997** (33) US (20.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F 9/06**
- (54) ● NETWORK ENHANCED BIOS ENABLING REMOTE MANAGEMENT OF A COMPUTER WITHOUT A FUNCTIONING OPERATING SYSTEM
- BIOS AMELIORE SUR RESEAU PERMETTANT LA GESTION A DISTANCE D'UN ORDINATEUR SANS SYSTEME D'EXPLOITATION FONCTIONNANT SUR L'ORDINATEUR
- (71) **PHOENIX TECHNOLOGIES LIMITED** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
- (72) **RAKAVY, Yuval**; Berakyhu Street 8, 96225 Jerusalem (IL). **ANDERSON, Ian**; 41 Frog Grove Lane, Wood Street Village, Guilford GU3 3EY (GB). **GARSTEN, Andrew**; 1650 Sargent Place, Los Angeles, CA 90026 (US). **ROCHE, James**; 31 Rockwood Court, Portsmouth Road, Guildford, Surrey GU2 5EJ (GB). **BURTON, Michael, Peter, R.**; 11 St. Bernard's House, 54 Hook Road, Surbiton, Surrey KT6 (GB).
- (74) **SOMMER, Evelyn, M.** et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 919 Third Avenue, New York, NY 10022-3897 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/41918** (13) A1
- (21) PCT/AU98/00173
- (22) **16 Mar/mar 1998** (16.03.1998)
- (25) en (26) en
- (31) PO 9896 (32) **14 Mar/mar 1997** (33) AU (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G06F 9/45, 9/455, H04L 12/58, 9/32**
- (54) ● METHOD AND APPARATUS FOR CONTROLLING COMMUNICATIONS
- PROCEDE ET APPAREIL DE COMMANDE DE COMMUNICATIONS
- (71, 72) **OGILVY, Ian, Charles** [AU/AU]; Cardsoft, Level 3, 39 East Esplanade, Manly, NSW 2095 (AU).
- (74) **GRIFFITH HACK**; G.P.O. Box 4164, Sydney, NSW 2001 (AU).

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

(11) **WO 98/41919** (13) A1

(21) PCT/US98/03796

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/820,649 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 11/00, 11/22**

(54) ● VIRUS DETECTION IN CLIENT-SERVER SYSTEM
● DETECTION DE VIRUS DANS UN SYSTEME CLIENT/SERVEUR

(71) **TREND MICRO, INCORPORATED** [CN/-]; SF No. 218, Chin-shan S. Road, Sec. 2, Taipei (TW).

(71, 72) **CHEN, Eva** [CN/US]; 10408 Orange Avenue, Cupertino, CA 95014 (US).

(72) **LAU, Steven, Yuen-Lam**; 2275 Truckee Drive, Santa Rosa, CA 95401 (US). **LIANG, Yung-Chang**; 820 Humerick Way, Sunnyvale, CA 94087 (US).

(74) **KLIVANS, Norman, R.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41920** (13) A1

(21) PCT/US98/02061

(22) **4 Feb/fév 1998 (04.02.1998)**

(25) en (26) en

(31) 08/820,573 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 11/22**

(54) ● SYSTEM AND METHOD FOR AUTOMATICALLY MAINTAINING A COMPUTER SYSTEM
● SYSTEME ET PROCEDE D'ENTRETIEN AUTOMATIQUE D'UN SYSTEME D'ORDINATEURS

(71) **SYMANTEC CORPORATION** [US/US]; 10201 Torre Avenue, Cupertino, CA 95014 (US).

(72) **ISENBERG, Henri, J.**; 166 North Poinsettia Place, Los Angeles, CA 90036 (US).

(74) **HOFFMAN, Brian, M.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41921** (13) A1

(21) PCT/JP98/01096

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja

(31) 9/62790 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(31) 9/62791 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 12/06**

(54) ● MICROPROCESSOR AND DATA PROCESSING SYSTEM
● MICROPROCESSEUR ET SYSTEME DE TRAITEMENT DE DONNEES

(71) **HITACHI LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72) **75 NARITA, Susumu** [JP/JP]; 21-70, Higashi Tokura 1-chome, Kokubunji-shi, Tokyo 185-0002 (JP). **AYUKAWA, Kazushige** [JP/JP]; 8-1, Nishikoigakubo 3-chome, Kokubunji-shi, Tokyo 185-0013 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Building, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41922** (13) A1

(21) PCT/US98/03795

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/818,073 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 12/10**

(54) ● ACCELERATED HIERARCHICAL ADDRESS FILTERING AND TRANSLATION
● FILTRAGE ET TRADUCTION ACCELERES D'ADRESSE HIERARCHISEE

(71) **MUSIC SEMICONDUCTORS, INC.** [US/US]; 254B Mountain Avenue, Hackettstown, NJ 07840 (US).

(72) **FELDMEIER, David, C.**; 46 East Lake Boulevard, Morristown, NJ 07960 (US).

(74) **MACPHERSON, Alan, H.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41923** (13) A1

(21) PCT/SE98/00454

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/818,340 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 12/12, 12/08**

(54) ● PENALTY-BASED CACHE STORAGE AND REPLACEMENT TECHNIQUES

● TECHNIQUES DE STOCKAGE ET DE REMPLACEMENT DE MEMOIRE CACHE FONDEES SUR LA PENALITE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **LIEDBERG, Per**; Johan Skyttesväg 234, S-125 34 Älvsjö (SE).

(74) **ERICSSON TELECOM AB**; IPR Management & Patent Dept., S-126 25 Stockholm (SE).

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

(11) **WO 98/41924** (13) A1

(21) PCT/US97/20228

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/818,638 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 13/00**

(54) ● METHODS AND APPARATUS FOR ARBITRATING AND CONTROLLING ARBITRATION FOR ACCESS TO A SERIAL BUS

● PROCEDES ET APPAREIL D'ARBITRAGE ET DE COMMANDE D'ARBITRAGE POUR L'ACCES A UN BUS SERIE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **TRAW, C., Brendan, S.**; 10859 N.W. Supreme Court, Portland, OR 97229 (US). **LAFOLLETTE, David, W.**; Apartment #3-203, 1063 Morse Avenue, Sunnyvale, CA 94089 (US). **COULSON, Richard, L.**; 17454 N.W. Gilbert Lane, Portland, OR 97229 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41925** (13) A1
 (21) PCT/US98/03801
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/818,285 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **G06F 13/00**

- (54) ● SYSTEM AND METHOD FOR MANAGING INTERNET USER ACCESS
 ● SYSTEME ET PROCEDURE POUR GESTION D'ACCES UTILISATEUR A INTERNET

(71) **GEONET LIMITED, L.P.** [–/US]; P.O. Box 50896, Eugene, OR 97405 (US).

(72) **BERTEAU, Charles, Donald**; 145 Capri Avenue, Sebastian, FL 32958 (US).

(74) **BLAKE, William, A.** et al. / etc.; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41926** (13) A1
 (21) PCT/US98/04973
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 08/823,026 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **G06F 13/00**

- (54) ● COMMUNICATION CONTROL FOR A CENTRAL COMMUNICATION CENTER
 ● CONTROLE DE TRANSMISSION DANS UN SYSTEME CENTRAL DE COMMUNICATION

(71) **OMNIPPOINT CORPORATION** [US/US]; Suite 400, 3 Bethesda Metro Center, Bethesda, MD 20814 (US).

(72) **BILGIC, Izzet, M.**; 6841 Goldcrest Court, Colorado Springs, CO 80919 (US).

(74) **HEMMINGER, Steven, D.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/41927** (13) A1
 (21) PCT/JP97/00906

- (22) **19 Mar/mar 1997 (19.03.1997)**
 (25) ja (26) ja
 (43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 15/17**

- (54) ● PARALLEL COMPUTER
 ● CALCULATEUR PARALLELE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).

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

(72, 75) **SAKAKIBARA, Tadayuki** [JP/JP]; Hitachi Sekishin-ryo 2208, 1, Horiyamashita, Hadano-shi, Kanagawa 259–13 (JP). **HAMILTON, Patrick** [GB/JP]; 18–32, Tamagawagakuen 2-chome, Machida-shi, Tokyo 194 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41928** (13) A1

(21) PCT/DE98/00209

(22) **23 Jan/jan 1998 (23.01.1998)**

(25) de (26) de

(31) 197 11 485.7 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/00**

- (54) ● METHOD FOR COMPUTER-ASSISTED EXTRACTION OF STATISTICALLY INDEPENDENT DIGITAL SIGNALS FROM DIGITAL SIGNALS
 ● PROCEDURE D'EXTRACTION ASSISTEE PAR ORDINATEUR DE SIGNAUX NUMERIQUES STATISTIQUEMENT INDEPENDANTS A PARTIR DE SIGNAUX D'ENTREE NUMERIQUES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

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

(72, 75) **OBRADOVIC, Dragan** [YU/DE]; Franziskanerstrasse 28, D–81669 München (DE). **DECO, Gustavo** [IT/DE]; Klarastrasse 13, D–80636 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41929** (13) A2

(21) PCT/SE98/00448

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9700926–0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE

(31) 9703849–1 (32) **22 Oct/oct 1997 (22.10.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/14, G06T 9/00, H04N 7/30**

- (54) ● DOWN SCALING OF IMAGES
 ● REDUCTION D'ECHELLE POUR DES IMAGES

(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) **CHRISTOPOULOS, Charilaos** [GR/SE]; Lomvågen 641, S–192 57 Sollentuna (SE). **SKODRAS, Athanasios** [GR/GR]; Lavraga 15, GR–264 42 Patras (GR).

(74) **SANDSTRÖM, Staffan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S–118 93 Stockholm (SE).

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

- (11) **WO 98/41930** (13) A1

(21) PCT/DE98/00485

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) de (26) de

(31) 197 11 284.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30, 17/27**

- (54) ● METHOD FOR AUTOMATICALLY GENERATING A SUMMARIZED TEXT BY A COMPUTER
 ● PROCEDURE DE GENERATION AUTOMATIQUE D'UN RESUME D'UN TEXTE PAR UN ORDINATEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, D–80333 München (DE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÜCKNER, Thomas** [DE/DE]; Herzogstandstrasse 24, D–81539 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/41931** (13) A1

(21) PCT/FI98/00190

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) fi (26) en

(31) 971065 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● METHOD FOR IMPLEMENTING AN ASSOCIATIVE MEMORY BASED ON A DIGITAL TRIE STRUCTURE
 ● PROCEDURE DE MISE EN OEUVRE D'UNE MEMOIRE ASSOCIATIVE SUR LA BASE D'UNE ARBORESCENCE NUMERIQUE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIKKANEN, Matti** [FI/FI]; Viherialaaksonranta 10 A 1, FIN–02710 Espoo (FI). **IIVONEN, Jukka-Pekka** [FI/FI]; Wallininkatu 6 C 72, FIN–00530 Helsinki (FI).

- (74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN-00511 Helsinki (FI).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41932** (13) A1

(21) PCT/FI98/00191

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) fi (26) en

(31) 971066 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● METHOD FOR IMPLEMENTING AN ASSOCIATIVE MEMORY BASED ON A DIGITAL TRIE STRUCTURE
- MISE EN OEUVRE D'UNE MEMOIRE ASSOCIATIVE SUR LA BASE D'UNE STRUCTURE NUMERIQUE ARBORESCENTE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TIKKANEN, Matti** [FI/FI]; Vihherlaaksonranta 10 A 1, FIN-02710 Espoo (FI). **IIVONEN, Jukka-Pekka** [FI/FI]; Wallininkatu 6 C 72, FIN-00530 Helsinki (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN-00511 Helsinki (FI).

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

Published / Publiée : (c)

(11) **WO 98/41933** (13) A1

(21) PCT/FI98/00192

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) fi (26) en

(31) 971067 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● METHOD FOR IMPLEMENTING AN ASSOCIATIVE MEMORY BASED ON A DIGITAL TRIE STRUCTURE
- MISE EN OEUVRE D'UNE MEMOIRE ASSOCIATIVE AVEC UTILISATION D'UNE ARBORESCENCE NUMERIQUE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TIKKANEN, Matti** [FI/FI]; Vihherlaaksonranta 10 A 1, FIN-02710 Espoo (FI). **IIVONEN, Jukka-Pekka** [FI/FI]; Wallininkatu 6 C 72, FIN-00530 Helsinki (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN-00511 Helsinki (FI).

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

Published / Publiée : (c)

(11) **WO 98/41934** (13) A1

(21) PCT/GB98/00722

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 9705469.6 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● RE-USABLE DATABASE SYSTEM
- SYSTEME DE BASE DE DONNEES REUTILISABLE

(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) **ROWE, Stuart** [GB/GB]; The Old Stables, Buckingham Road, Edgcott, Bucks HP18 0TR (GB). **WEBB, Michael, John** [GB/GB]; 119 Lexington Building, Fairfield Road, London E3 2UE (GB). **SARDA, Sandip** [GB/GB]; 12 Gabriel Street, Forest Hill, London SE23 1DT (GB).

(74) **BRADLEY, David, William**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

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

(11) **WO 98/41935** (13) A2

(21) PCT/SE98/00482

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) sv (26) en

(31) 9700991-4 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● METHOD FOR UPDATING DATA RECORDS IN A DATABASE
- PROCEDE DE MISE A JOUR DES ENREGISTREMENTS DE DONNEES DANS UNE BASE DE DONNEES

(71, 72) **ORCI, Terttu** [SE/SE]; Havrevägen 3, S-192 69 Sollentuna (SE).

(74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (SE).

- (81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41936** (13) A1

(21) PCT/US98/00513

(22) **13 Jan/jan 1998 (13.01.1998)**

(25) en (26) en

(31) 08/819,419 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR GENERATING DIGITAL MULTIMEDIA STORE DISPLAYS AND MENU BOARDS
- SYSTEMES, PROCEDES ET PROGICIELS DE GENERATION, SUR SUPPORT NUMERIQUE MULTIMEDIA, D'ETALAGES EN MAGASINS ET DE CARTES DE MENU

(71) **FRANKEL & COMPANY** [US/US]; 111 east Wacker Drive, Chicago, IL 60601 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANDEBERG, Richard, D.** [US/US]; 2601 West Coyle Avenue, Chicago, IL 60645 (US). **MOLESKI, Desmond, C., J.** [US/US]; 627 North Marion Street, Oak Park, IL 60302 (US). **ALMAGRO, Manolo, B.** [US/US]; 3900 North Pine Grove #401, Chicago, IL 60613 (US). **MEYER, Joseph, F.** [US/US]; 333 East Ontario Street #2702-B, Chicago, IL 60611 (US).

(74) **BIGEL, Mitchell, S.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU 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 TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41937** (13) A1

(21) PCT/US98/04359

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/819,480 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/30**

- (54) ● WORD-SERIAL READER FOR NETWORK DEVICES HAVING LIMITED DISPLAY CAPABILITIES

- LECTEUR EN SERIE PAR MOT POUR DISPOSITIFS DE RESEAU AYANT DES CAPACITES D'AFFICHAGE REDUITES

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **BLONDER, Greg, E.**; 112 Mountain Avenue, Summit, NJ 07901 (US). **WEIMER, David, M.**; 16 Imbrook Lane, Aberdeen, NJ 07747 (US). **WELLNER, Pierre, David**; 82 Kings Highway, Middletown, New Jersey 07748 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41938** (13) A1

(21) PCT/RU97/00074

(22) **20 Mar/mar 1997 (20.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/50**

- (54) • A METHOD FOR STORING OF LAYOUT DATA, ROUTING METHOD AND ELECTRONIC DEVICE
- PROCEDE DE STOCKAGE DE DONNEES D'AGENCEMENT, METHODE D'ACHEMINEMENT, ET DISPOSITIF ELECTRONIQUE

(71) **MOTOROLA INC.** [US/US]; 1301 E. Algonquin Road, Schaumburg, IL 60196 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARCHENKO, Alexander M.** [RU/RU]; Gospitalnaya ul., 3-1-10, Moscow, 105094 (RU). **BEREZIN, Evgeny G.** [RU/RU]; Bolshaya Cherkizovskaya ul., 16-2-81, Moscow, 107061 (RU). **SHIRO, Evgeny G.** [RU/RU]; Zelenograd, 1134-93, Moscow, 103460 (RU). **PLEKHANOV, Andrei S.** [RU/RU]; Zorge ul., 14-133, Moscow, 125252 (RU). **ROZENFELD, Vladimir P.** [RU/RU]; Zelenograd, 04-205, Moscow, 103536 (RU). **McGUINNESS, Patrick** [US/US]; 4301 Travis Country Circle, Austin, TX 78735 (US).

(74) **RYBAKOV, Vladimir M.** et al. / etc.; Agency of Patent Attorneys ARS-PATENT, Shvedskiy per., 2-331, a/ya 230, St.Petersburg, 191186 (RU).

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

(11) **WO 98/41939** (13) A1

(21) PCT/AU98/00171

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) PO 5686 (32) **17 Mar/mar 1997 (17.03.1997)** (33) AU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/60 // 155:00**

- (54) • MERCHANDISING APPARATUS AND METHOD
- APPAREIL ET PROCEDE DE MARCHANDISAGE

(71, 72) **HENWOOD, Geoffrey, Vaughan** [AU/AU]; 159 Windsor Street, Paddington, NSW 2021 (AU).

(74) **SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

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

(11) **WO 98/41940** (13) A1

(21) PCT/IE97/00020

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/60**

- (54) • A TRANSACTION PROCESSING SYSTEM
- SYSTEME DE TRAITEMENT DE TRANSACTIONS

(71) **TRINTECH LIMITED** [IE/IE]; South County Business Park, Leopardstown, Dublin 18 (IE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CLARKE, Patrick** [IE/IE]; 42 Ballyroan Road, Templeogue, Dublin 16 (IE). **BURNE, George** [IE/IE]; 27 Fairy Hill, Bray, County Wicklow (IE). **O'DONOGHUE, Hubert** [IE/IE]; 20 The Priory, Portrane Road, Donabate, County Dublin (IE). **FLOOD, Eoin** [IE/IE]; 20 Eaton Wood Avenue, Shankill, County Dublin (IE). **O'SULLIVAN, Timothy** [IE/IE]; 22 The Bently, Kilcoole, County Wicklow (IE). **O'ROURKE, Francis** [IE/IE]; 4 Applewood Drive, Greystones, County Wicklow (IE). **O'NEIL, David** [IE/IE]; 86 Kilmore Road, Artane, Dublin 5 (IE). **McGUIRE, John** [IE/IE]; Trintech Limited, South County Business Park, Leopardstown, Dublin 18 (IE). **MEEHAN, Christopher** [IE/IE]; 11 Cloister Avenue, Blackrock, County Dublin (IE). **McGUIRE, Cyril** [IE/IE]; 12 Knocknacree Park, Dalkey, County Dublin (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41941** (13) A1

(21) PCT/US98/03800

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/041,394 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 17/60**

- (54) • METHOD AND SYSTEM FOR ESTABLISHING, MONITORING, AND RESERVING A GUARANTEED MINIMUM VALUE RETURN ON SELECT INVESTMENTS
- PROCEDE ET SYSTEME POUR DEFINIR, SURVEILLER ET RESERVER UNE GARANTIE DE VALEUR MINIMALE SUR DES INVESTISSEMENTS SELECTIONNES

(71) **CITIBANK, N.A.** [US/US]; 399 Park Avenue, New York, NY 10043 (US).

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

(72, 75) **HASKINS, Charles, R.** [US/US]; 7 Wood Duck Lane, Wyoming, DE 19934 (US).

(74) **MARCOU, George, T.**; Kilpatrick Stockton LLP, Suite 800, 700 13th Street, N.W., Washington, DC 20005 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41942** (13) A1

(21) PCT/US98/03443

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) en (26) en

(31) 08/820,788 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 19/00**

- (54) • METHOD AND APPARATUS FOR AUTOMATING NEGOTIATIONS BETWEEN PARTIES
- PROCEDE ET APPAREIL PERMETTANT L'AUTOMATISATION DES NEGOCIATIONS ENTRE PARTIES

(71) **OPTIMARK TECHNOLOGIES, INC.** [US/US]; 530 Main Avenue, Durango, CO 81301 (US).

(72) **RICKARD, John, T.**; 52 Oak View Circle, Durango, CO 81301 (US). **LUPIEN, William, A.**; 2544 Country Road, CR 124, Hesperus, CO 81326 (US). **WALLACE, George, A.**; 1369 Oak Drive, DW2, Durango, CO 81301 (US).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, 1025 Connecticut Avenue, N.W., Washington, DC 20036 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41943** (13) A1

(21) PCT/US98/04861

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/818,155 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 19/00**

- (54) • A MEDICAL CONSULTATION MANAGEMENT SYSTEM
- SYSTEME DE GESTION DE CONSULTATIONS MEDICALES

(71) **HEALTH RESOURCES AND TECHNOLOGY, INC.** [US/US]; Suite 310, 420 Boylston Street, Boston, MA 02116 (US).

(72) **FALCHUK, Kenneth, H.**; 35 Drumlin Road, Newton, MA 02159 (US). **HALPERIN, Jose, A.**; Apartment 711, 1433 Beacon Street, Brookline, MA 02146 (US).

(74) **NELSON, Gordon, E.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41944** (13) A1

(21) PCT/US98/05518

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 60/039,362 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06F 19/00, G06G 7/64, 7/66**

(54) ● APPARATUS AND METHOD FOR PRODUCTION OF THREE-DIMENSIONAL MODELS BY SPATIAL LIGHT MODULATOR

● DISPOSITIF ET PROCÉDE SERVANT A PRODUIRE DES MODELES TRIDIMENSIONNELS AU MOYEN D'UN MODULATEUR DE LUMIERE SPATIALE

(71) **REPLICATOR SYSTEMS, INC.** [US/US]; 5714 Pleasant Valley Road, El Dorado, CA 95623 (US).

(72) **HAGENAU, William, R.**; 5714 Pleasant Valley Road, El Dorado, CA 95623 (US).

(74) **SHAW, Philip, M., Jr.** et al. / etc.; Crosby, Heafey, Roach & May, Suite 1900, 4 Embarcadero Center, San Francisco, CA 94111-4106 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41945** (13) A1

(21) PCT/IT98/00057

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) PT97A000001 (32) **19 Mar/mar 1997 (19.03.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06G 1/06**

(54) ● SLIDE RULE AND INDICATOR WHICH CAN ALSO BE COMBINED WITH BOXES FOR MEDICINES AND OTHER ITEMS

● REGLE A CALCUL ET INDICATEUR POUVANT ETRE ASSOCIES A DES BOITES POUR MEDICAMENTS ET AUTRES ARTICLES

(71) **PROMO SERVICE DI MICHELE MAFFEI & C. S.A.S.** [IT/IT]; Via Gora e Barbatole, 137, I-51100 Pistoia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAFFEI, Michele** [IT/IT]; Via Castel Biagini, 38, Cantagrillo, I-51030 Serravalle Pistoiese (IT).

(74) **MANNUCCI, Gianfranco** et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41946** (13) A1

(21) PCT/FR98/00517

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fr (26) fr

(31) 97/03196 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(31) 97/03197 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06K 7/00**

(54) ● CARD READER CONNECTOR, WITH ELASTIC BRUSH CONTACTS, AND READER COMPRISING SAME

● CONNECTEUR POUR LECTEUR DE CARTE, A CONTACTS BALAIS ELASTIQUES, ET LECTEUR COMPORTANT UN TEL CONNECTEUR

(71) **FRAMATOME CONNECTORS INTERNATIONAL** [FR/FR]; Tour Framatome, 1, place de la Coupole, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ODIC, Emmanuel** [FR/FR]; 17, rue Arago, F-25300 Pontarlier (FR).

(74) **KEIB, Gérard** et al. / etc.; Novamark Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).

(81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41947** (13) A1

(21) PCT/US98/05236

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/818,872 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06K 9/00**

(54) ● USE SENSITIVE TOKENLESS IDENTIFICATION SYSTEM

● SYSTEME D'IDENTIFICATION SANS JETON LIE A L'UTILISATION

(71) **SMARTTOUCH, INC.** [US/US]; Suite 12, 46 Shattuck Square, Berkeley, CA 94704 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARE, David, Ferrin, Jr.** [-/US]; Suite 12, 46 Shattuck Square, Berkeley, CA 94704 (US).
LEE, Jonathan, Alexander [-/US]; Suite 12, 46 Shattuck Square, Berkeley, CA 94704 (US).
HOFFMAN, Ned [-/US]; Suite 12, 46 Shattuck Square, Berkeley, CA 94704 (US).

(74) **KAMAREI, Ali**; SmartTouch, Inc., Suite 12, 46 Shattuck Square, Berkeley, CA 94704 (US).

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

Published / Publiée : (c)

(11) **WO 98/41948** (13) A1

(21) PCT/GB98/00763

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705403.5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06K 17/00, 7/10, G07G 1/00**

(54) ● PRODUCT RECOGNITION SYSTEM

● SYSTEME DE RECONNAISSANCE DE PRODUITS

(71, 72) **WYMAN, Mark, Anthony** [GB/GB]; 3 Whitehorse Street, Baldock, Hertfordshire SG7 6PX (GB).

(74) **ABNETT, Richard, Charles**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

Published / Publiée : (c)

(11) **WO 98/41949** (13) A1

(21) PCT/IE97/00021

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06K 17/00**

(54) ● A POINT-OF-SALE TRANSACTION TERMINAL
● TERMINAL POINT DE VENTE TRANSACTIONNEL

(71) **TRINTECH LIMITED** [IE/IE]; South County Business Park, Leopardstown, Dublin 18 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEERING, Seamus** [IE/IE]; 50 Hanaville Park, Terenure, Dublin 14 (IE). **MARTIN, Michael** [IE/IE]; 21 College Green, Maynooth, County Kildare (IE). **BROPHY, Laurence** [IE/IE]; 6 Friar Close, Cook Street, Dublin 8 (IE). **MADDEN, Denis** [IE/IE]; 26 Green Road, Blackrock, County Dublin (IE). **McGUIRE, John** [IE/IE]; Trintech Limited, South County Business Park, Leopardstown, Dublin 18 (IE). **MEEHAN, Christopher** [IE/IE]; 11 Cloister Avenue, Blackrock, County Dublin (IE). **McGUIRE, Cyril** [IE/IE]; 12 Knocknacree Park, Dalkey, County Dublin (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41950** (13) A1

(21) PCT/DE98/00413

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) de (26) de

(31) 197 12 017.2 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06T 7/20**

(54) ● COMPACT SENSOR SYSTEM FOR REAL TIME OPTICAL MOTION DETECTION
● SYSTEME DE DETECTION COMPACT POUR LA RECONNAISSANCE OPTIQUE EN TEMPS REEL DES DEPLACEMENTS

(71) **GMD - FORSCHUNGSZENTRUM INFORMATIONSTECHNIK GMBH** [DE/DE]; D-53754 Sankt Augustin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖWEKAMP, Thomas** [DE/DE]; Möhlstrasse 2, D-51069 Köln (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41951** (13) A1

(21) PCT/JP98/01053

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/60541 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06T 15/00**

(54) ● IMAGE SYNTHESIZING DEVICE AND METHOD, POSITION DETECTING DEVICE AND METHOD, AND SUPPLY MEDIUM
● DISPOSITIF ET PROCEDE DE SYNTHÈSE D'IMAGES, DISPOSITIF ET PROCEDE DE DETECTION DE POSITION ET PROGRAMMES UTILISES A CET EFFET

(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) **OHKI, Mitsuharu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **TANABE, Shigemoto**; Green-Fantasia Building, 5th floor, 11-11-508, Jingumae 1-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) CA IL KR US; EP (DE FR GB).

(11) **WO 98/41952** (13) A1

(21) PCT/JP98/01152

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/84385 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G06T 15/70**

(54) ● IMAGE GENERATING DEVICE AND INFORMATION STORING MEDIUM
● GENERATEUR D'IMAGES ET SUPPORT DE DONNEES

(71) **NAMCO LTD.** [JP/JP]; 8-5, Tamagawa 2-chome, Ota-ku, Tokyo 146-0095 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Kotaro** [JP/JP]; Namco Ltd., 8-5, Tamagawa 2-chome, Ota-ku, Tokyo 146-0095 (JP).
MASUYAMA, Takashi [JP/JP]; Namco Ltd., 8-5, Tamagawa 2-chome, Ota-ku, Tokyo 146-0095 (JP).

(74) **FUSE, Yukio** et al. / etc.; Ogikubo TM Building, 2nd floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) JP US.

(11) **WO 98/41953** (13) A1

(21) PCT/CA98/00184

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 2,199,999 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CA

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G07B 15/02, G07C 5/08**

(54) ● PARKING REGULATION ENFORCEMENT SYSTEM
● SYSTEME SERVANT A REPERER LES VEHICULES VIOLANT LE REGLEMENT EN VIGUEUR DANS UN PARC DE STATIONNEMENT

(71, 72) **KIELLAND, Peter, J.** [CA/CA]; 310 Selby Avenue, Ottawa, Ontario K1Z 6R1 (CA).

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

(11) **WO 98/41954** (13) A1

(21) PCT/FR98/00541

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) fr (26) fr

(31) 97/03362 (32) **19 Mar/mar 1997 (19.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G07C 9/00, G08B 13/22**

(54) ● METHOD AND DEVICE FOR KEEPING WATCH OVER PREMISES
● SYSTEME ET PROCEDE DE MISE EN SURVEILLANCE DE LOCAUX

(71) **ALCEA** [FR/FR]; Bâtiment HIGHTEC 4, 6, avenue de Norvège, F-91953 Courtabouef Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LENGLART, Pascal** [FR/FR]; 4, allée des Quatre Coins, F-91190 Gif sur Yvette (FR).
VO QUI, Bruno [FR/FR]; 219, boulevard Raspail, F-75014 Paris (FR).

(74) **ALLANO, Sylvain** et al. / etc.; Pontet Allano & Associés S.e.l.a.r.l., Parc-Club Orsay-Université, 25, rue Jean Rostand, F-91893 Orsay Cedex (FR).

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

Published / Publiée : (c)

(11) **WO 98/41955** (13) A1

(21) PCT/EP98/01484

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 10 621.8 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G07D 7/00**

(54) ● DEVICE FOR OPTICALLY DETECTING SHEET MATERIAL
● DISPOSITIF POUR LA DETECTION OPTIQUE D'UN MATERIAU EN FEUILLE

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D-81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAPFER, Michael** [DE/DE]; Quagliostrasse 10, D-81543 München (DE).
FIEDLER, Michael [DE/DE]; Kürnbergstrasse 49, D-81369 München (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, D-80797 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41956** (13) A1

(21) PCT/US98/05357

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/041,270 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G07F 7/00**

(54) ● SYSTEM AND METHOD OF TRANSACTIONAL TAXATION USING SECURE STORED DATA DEVICES
● SYSTEME ET PROCEDE DE TAXATION DE TRANSACTIONS AU MOYEN DE DISPOSITIFS DE DONNEES PROTEGEES STOCKEES

(71) **SCHLUMBERGER TECHNOLOGIES, INC.** [US/US]; 8311 North R.R. 620, Austin, TX 78726 (US).

(72) **DAVIS, Robert, R.**: 8203 Asmara Court, Austin, TX 78750 (US). **WALTON, Jane, B.**: 705 Shady Lane, Austin, TX 78702 (US).

(74) **MASELES, Danita, J., M.**: Schlumberger Austin Product Center, 8311 North R.R. 620, P.O. Box 200015, Austin, TX 78720-0015 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41957** (13) A1

(21) PCT/IE97/00022

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G07G 1/14, H04L 29/08**

(54) ● A POINT-OF-SALE TRANSACTION PROCESSING SYSTEM

● SYSTEME DE TRAITEMENT DE TRANSACTIONS DE POINT DE VENTE

(71) **TRINTECH LIMITED** [IE/IE]; South County Business Park, Leopardstown, Dublin 18 (IE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, Patrick** [IE/IE]; 42 Ballyroan Road, Templeogue, Dublin 16 (IE). **BURNE, George** [IE/IE]; 27 Fairy Hill, Bray, County Wicklow (IE). **O'DONOGHUE, Hubert** [IE/IE]; 20 The Priory, Portrane Road, Donabate, County Dublin (IE). **MCCARTHY, Pearse** [IE/IE]; 29 Butterfield Orchard, Rathfarnham, Dublin 14 (IE). **PROUDFOOT, Paul** [IE/IE]; 38 Newtownpark Avenue, Blackrock, County Dublin (IE). **GUE-RIN, David** [IE/IE]; 36 Abbeyfield, Miltown, Dublin 6 (IE). **MCGUIRE, John** [IE/IE]; Trintech Limited, South County Business Park, Leopardstown, Dublin 18 (IE). **FLOOD, Eoin** [IE/IE]; 20 Eaton Wood Avenue, Shankill, County Dublin (IE). **MEEHAN, Christopher** [IE/IE]; 11 Cloister Avenue, Blackrock, County Dublin (IE). **MCGUIRE, Cyril** [IE/IE]; 12 Knocknacree Park, Dalkey, County Dublin (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41958** (13) A1

(21) PCT/EP98/01055

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) de (26) de

(31) 197 11 371.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G08B 19/02**

(54) ● DEVICE AND METHOD FOR DETECTING SNOW AND ICE

● DISPOSITIF ET PROCEDE DESTINE A LA SIGNALISATION DE NEIGE ET DE GLACE

(71) **TEKMAR ANGEWANDTE ELEKTRONIK GMBH** [DE/DE]; Möllneyer Ufer 17, D-45257 Essen (DE).

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

(72, 75) **LATARIUS, Hans** [DE/DE]; Dückerstrasse 4, D-45239 Essen (DE).

(74) **ZENZ, Joachim, K.**; Huyssenallee 58-64, D-45128 Essen (DE) et al. / etc.

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41959** (13) A1

(21) PCT/DE98/00473

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) de (26) de

(31) 197 10 863.6 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G08G 1/09**

(54) ● METHOD AND RECEIVER FOR GEOGRAPHICAL SELECTION OF DIGITALLY CODED MESSAGES

● PROCEDE ET RECEPTEUR POUR LA SELECTION GEOGRAPHIQUE DE MESSAGES CODES NUMERIQUEMENT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

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

(72, 75) **KELL, Dietmar** [DE/DE]; Steinkamp 5, D-31199 Diekholzen (DE). **SCHMIDT, Heinrich** [DE/DE]; Lehmkamp 22, D-31199 Diekholzen (DE).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41960** (13) A1

(21) PCT/US98/05037

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/819,887 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G08G 1/09**

(54) ● HIGHWAY VISIBILITY SENSOR SYSTEM

● LECTEUR DE VISIBILITE ROUTIERE

(71) **SENTEC CORPORATION** [US/US]; Suite 205, 2000 Oakley Park Road, Walled Lake, MI 48390 (US).

(72) **SAWATARI, Takeo**; 6105 Gilbert Lake Road, Bloomfield, MI 48301 (US). **GAUBIS, Philip, A.**; 235 Wabasso Street, Walled Lake, MI 48390 (US). **CHARNETSKI, Clark, J.**; 2646 Traver Boulevard, Ann Arbor, MI 48105 (US).

(74) **MIERZWA, Kevin, G.**; Dykema Gossett PLLC, Suite 300, 1577 North Woodward Avenue, Bloomfield Hills, MI 48304-2820 (US).

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

Published / Publiée : (c)

(11) **WO 98/41961** (13) A1

(21) PCT/FR98/00494

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) fr (26) fr

(31) 97/03111 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G08G 1/0967**

(54) ● TRAFFIC INFORMATION DEVICE

● DISPOSITIF D'INFORMATION ROUTIERE

(71, 72) **LEWINER, Jacques** [FR/FR]; 7, avenue de Suresnes, F-92210 Saint-Cloud (FR). **CARREEL, Eric** [FR/FR]; 9, rue du Général Gouraud, F-92190 Meudon (FR).

(74) **BURBAUD, Eric** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41962** (13) A2

(21) PCT/US98/05265

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/040,518 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 60/041,876 (32) **11 Apr/avr 1997 (11.04.1997)** (33) US

(31) 60/069,581 (32) **12 Dec/déc 1998 (12.12.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09B**

(54) ● APPARATUS AND METHODS FOR A SHAPE MEMORY SPRING ACTUATOR AND DISPLAY

● APPAREIL ET PROCEDES DESTINES A UN ACTIONNEUR ET A UN AFFICHAGE AVEC RESSORT A MEMOIRE DE FORME

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; Office of Technology Transfer, Room 328 ENAD, Purdue University, West Lafayette, IN 47907 (US).

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

(72, 75) **SCHLEPPENBACH, David, A.** [US/US]; 1720 Arrowhead Drive, West Lafayette, IN 47906 (US). **LAU, Wunji** [US/US]; 1200 Happy Hollow Road #204, West Lafayette, IN 47906 (US). **SAID, Joe, P.** [CA/US]; 435 Chauncey, West Lafayette, IN 47906 (US).

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

(81) DE ES US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41963** (13) A1

(21) PCT/US98/04336

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/818,558 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) 08/824,103 (32) **26 Mar/mar 1997 (26.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09B 5/00**

(54) ● A REMOTE CONTROL AND METHOD FOR REMOTELY CONTROLLING A HOST DEVICE
● TELECOMMANDE ET PROCEDE DE TELECOMMANDE D'UN DISPOSITIF HOTE

(71) **TV INTERACTIVE DATA CORPORATION** [US/US]; Suite 201, 2150 Trade Zone Boulevard, San Jose, CA 95131 (US).

(72) **REDFORD, Peter, M.**; 22293 Old Logging Road, Los Gatos, CA 95030 (US). **STERN, Donald, S.**; P.O. Box 610631, San Jose, CA 95161 (US).

(74) **SURYADEVARA, Omkar, K.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) GB JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41964** (13) A1

(21) PCT/US98/05160

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,328 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09C 1/12**

(54) ● NON-SLIDING SPRING MECHANISM FOR POSTER FRAMES
● MECANISME DE RESSORT NON COULISSANT POUR CADRES PORTE-AFFICHES

(71) **MARKETING DISPLAYS, INC.** [US/US]; 38271 W. Twelve Mile Road, Farmington Hills, MI 48331 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DINGLE, Ralph, W.** [US/US]; Apartment 114, 21675 Green Hill, Farmington Hills, MI 48335 (US).

(74) **ARTZ, John, A.** et al. / etc.; Lyon & Artz PLC, Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (b)

(11) **WO 98/41965** (13) A1

(21) PCT/US98/05286

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/819,532 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 1/10**

(54) ● PICTURE FRAME
● CADRE

(71, 72) **REINHARD, Siegbert, K.** [DE/US]; 323 East Matilija Street #110-105, Ojai, CA 93023 (US).

(74) **MALLERY, Daniel, C.**; Suite 1600, 10940 Wilshire Boulevard, Los Angeles, CA 90024 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41966** (13) A1

(21) PCT/US97/18837

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/039,328 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 3/02, 3/10**

(54) ● LABEL OR WRAPPER WITH PREMIUM
● ETIQUETTE OU MATERIAU D'EMBALLAGE POURVU D'UNE PRIME

(71) **MAGICCOM** [US/US]; Suite 1225, 600 Highway 169 South, Minneapolis, MN 55426 (US).

(71, 72) **WITKOWSKI, Daniel, D.** [US/US]; Suite 1225, 600 Highway 169 South, Minneapolis, MN 55426 (US).

(74) **MCCORMACK, Myra, H.**; Mueting, Raasch, Gebhardt & Schwappach, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41967** (13) A1

(21) PCT/GB98/00800

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705567.7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(31) 9714065.1 (32) **4 Jul/juil 1997 (04.07.1997)** (33) GB

(31) 9716513.8 (32) **6 Aug/août 1997 (06.08.1997)** (33) GB

(31) 9717048.4 (32) **13 Aug/août 1997 (13.08.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 11/00, 13/34, 19/12**

(54) ● DISPLAY SYSTEMS

● SYSTEMES D'AFFICHAGE

(71, 72) **GREENLEES, Errol, James, Stewart** [GB/GB]; Stone House Cottages, Stone, East Pennard, Shepton Mallet, Somerset BA4 6RZ (GB).

(74) **CLAISSE, John, Anthony**; John Claisse & Co., 97 Portway, Wells, Somerset BA5 2BR (GB).

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

Published / Publiée : (c)

(11) **WO 98/41968** (13) A1

(21) PCT/SG98/00019

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 9700833-8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SG

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 13/04, B32B 27/12, B44F 1/06**

(54) ● AN ILLUMINATED DISPLAY AND A METHOD OF FORMING SAME

● DISPOSITIF D'AFFICHAGE ECLAIRE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **MOLD TECHNIC PTE LTD.** [SG/SG]; Blk 26, Kallang Place #02-08/17, Kallang Basin Industrial Estate, Singapore 339157 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHUA, Swee, Hoe** [SG/SG]; Blk 97, Cashew Heights, Cashew Road #15-06, Singapore 679668 (SG).

(74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41969** (13) A1

(21) PCT/GB97/02816

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) U 97 00072 (32) **17 Mar/mar 1997 (17.03.1997)** (33) HU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 15/00, 19/14**

(54) ● DISPLAY BILLBOARD AND METHOD

● PANNEAU PUBLICITAIRE ET PROCEDE CORRESPONDANT

(71) **FROST, Irisz** [HU/HU]; Tartsay Vilmos utca 26, H-1126 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROST, Peter** [GB/HU]; Tartsay Vilmos utca 26, H-1126 Budapest (HU). **SCOTT HUNTER, Timothy** [GB/HU]; Naphegy utca 34, H-1016 Budapest (HU).

(74) **ELLIS, Kate**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41970** (13) A1

(21) PCT/US97/13999

(22) **6 Aug/août 1997 (06.08.1997)**

(25) en (26) en

(31) 08/818,494 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 19/00**

(54) ● AIR-CHAMBERED, WEATHERPROOF PICTURE FRAME
● CADRE DE PROTECTION CONTRE LES INTÉMPÉRIES POURVU D'UN COMPARTIMENT A AIR

(71, 72) **YESBICK, Jonathan, D.** [US/US]; 2450 North Powerline Road, Pompano Beach, FL 33069 (US).

(74) **DiMAGGIO, Dale, Paul**; Malin, Haley, DiMaggio & Crosby, P.A., Suite 1609, One East Broward Boulevard, Fort Lauderdale, FL 33301 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/41971** (13) A1

(21) PCT/US98/05180

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,966 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G09F 23/00**

(54) ● ILLUMINATED TRASH RECEPTACLE
● RECIPIENT A ORDURES ECLAIRE

(63) US 08/820,966 (CON)
19 Mar/mar 1997 (19.03.1997)

(71, 72) **PASSANANTE, Caesar, A.** [US/US]; 19 Route 121, Brewster, NY 10509 (US). **SMITH, Stephen, J.** [US/US]; Apartment 111N, 40 Gateway Road, Yonkers, NY 10703 (US).

(74) **LEVI, Benjamin** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41972** (13) A1

(21) PCT/CH98/00102

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) de (26) de

(31) 634/97 (32) **17 Mar/mar 1997 (17.03.1997)** (33) CH

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G10H 3/18, 1/00, 1/26**

(54) ● SOUND PICKUP SELECTOR DEVICE FOR A STRING INSTRUMENT, AND STRING INSTRUMENT
● DISPOSITIF DE SELECTION DE MICROS POUR INSTRUMENT A CORDES, ET INSTRUMENT A CORDES

(71) **BOXER & FÜRST AG** [CH/CH]; Gsteigstrasse 19, CH-8049 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FÜRST, Werner** [CH/CH]; Lehenstrasse 72, CH-8037 Zürich (CH). **BOXER, Michael** [CH/CH]; Zollerstrasse 48, CH-8703 Erlenbach (CH).

(74) **SCHAAD, BALASS, MENZL & PARTNER AG**; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).

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

(11) **WO 98/41973** (13) A1

(21) PCT/IL97/00092

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G10K 11/16**

(54) ● FEEDBACK CAPABLE EARPHONES AND A COMPUTERIZED AUDIOMETER WHICH CONTAINS THEM
● ECOUTEURS CAPABLES DE RETROACTION ET AUDIOMETRE INFORMATISE POURVU DE TELS ECOUTEURS

(71) **TAPUZ MEDICAL TECHNOLOGY LTD.** [IL/IL]; Jordan Valley Regional Enterprises, 15132 Mobile Post Jordan Valley (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIVA, Sharon** [IL/IL]; 27 Hashkedim, 36000 Kiryat Tivon (IL).

(74) **NOAM, Meir**; P.O. Box 32081, 91320 Jerusalem (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41974** (13) A2

(21) PCT/US98/05020

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/041,400 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(31) 09/041,291 (32) **12 Mar/mar 1998 (12.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G10K 11/16**

(54) ● ACTIVE NOISE REDUCTION APPARATUS HAVING A HEADSET WITH DUAL STEREO JACKS AND AN ELECTRONIC DEVICE HAVING SWITCH MEANS
● APPAREIL DE REDUCTION DYNAMIQUE DU BRUIT COMPORTANT UN CASQUE D'ECOUTE A PRISE STEREO DOUBLE, ET DISPOSITIF ELECTRONIQUE EQUIPE DE MOYENS DE COMMUTATION

(71) **ANDREA ELECTRONICS CORPORATION** [US/US]; 11-40 45th Road, Long Island City, NY 11101 (US).

(72) **ANDREA, Douglas**; 165 Brookville Lane, Old Brookville, NY 11545 (US).

(74) **KOWALSKI, Thomas, J.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41975** (13) A1

(21) PCT/DE97/02613

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 197 11 365.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G10L 3/00, H04M 1/27**

(54) ● ELECTRICAL DEVICE WITH VOICE INPUT
● APPAREIL ELECTRIQUE A ENTREE VOCALE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STROHMEIER, Wolfgang** [DE/DE]; Alfriede-Marioth-Strasse 12, D-31137 Hildesheim (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41976** (13) A1

(21) PCT/JP98/01063

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/61015 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G10L 3/02**

- (54) ● SPEAKING SPEED CHANGING METHOD AND DEVICE
- PROCEDE ET DISPOSITIF PERMETTANT DE MODIFIER LA VITESSE DES SONS VOCAUX
- (71) **NIPPON HOSO KYOKAI** [JP/JP]; 2-1, Jinnan 2-chome, Shibuya-ku, Tokyo 150-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAGI, Tohru** [JP/JP]; NHK Hosogijutsukenkyusyo, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). **SEIYAMA, Nobumasa** [JP/JP]; NHK Hosogijutsukenkyusyo, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). **IMAI, Atsushi** [JP/JP]; NHK Hosogijutsukenkyusyo, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). **ANDO, Akio** [JP/JP]; NHK Hosogijutsukenkyusyo, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP).
- (74) **MIYOSHI, Hidekazu**; Toranomon Daiichi Building, 9th floor, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA CN KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41977** (13) A1
- (21) PCT/US98/05531
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 08/820,566 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G10L 5/06**
- (54) ● PSYCHOLOGICAL AND PHYSIOLOGICAL STATE ASSESSMENT SYSTEM BASED ON VOICE RECOGNITION AND ITS APPLICATION TO LIE DETECTION
- SYSTEME SERVANT A DETERMINER UN ETAT PSYCHOLOGIQUE ET PHYSIOLOGIQUE EN FONCTION D'UNE RECONNAISSANCE VOCALE ET SON APPLICATION A LA DETECTION DE MENSONGES
- (71) **DENDRITE, INC.** [US/US]; 2120 Lookout Point, Las Vegas, NV 89117 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOGDASHEVSKY, Rostislav** [RU/RU]; Apartment 39, Star City 44, Moscow, 14160 (RU). **ALEXEEV, Vladimir** [RU/RU]; Bolshaya Chermushkinskaya Street, 19, Building 1, apartment 39, Moscow, 113447 (RU). **YARIGIN, Vitaly** [RU/RU]; Apartment 127, Zelenograd City, Moscow, 103612 (RU). **BAKER, George** [US/US]; 115 La Senda Road, Los Alamitos, NM 87544 (US). **STANTON, Harrison** [US/US]; 8674 Jasper Wood Street, Henderson, NV 89014 (US).
- (74) **SALTZBERG, Robert, A.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/41978** (13) A1
- (21) PCT/JP97/00905
- (22) **19 Mar/mar 1997 (19.03.1997)**
- (25) ja (26) ja

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G10L 9/00, H04N 5/76, G11B 20/10**
- (54) ● METHOD AND DEVICE FOR DETECTING STARTING AND ENDING POINTS OF SOUND SECTION IN VIDEO
- PROCEDE ET DISPOSITIF DESTINES A DETECTER DES POINTS DE DEPART ET DE TERMINAISON D'UNE SECTION SON DANS UNE SEQUENCE VIDEO
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJITA, Takehiro** [JP/JP]; 8-1, Nishikoigakubo 3-chome, Kokubunji-shi, Tokyo 185 (JP). **MIYATAKE, Takafumi** [JP/JP]; 1585-10, Tatemachi, Hachioji-shi, Tokyo 193 (JP). **NAGASAKA, Akio** [JP/JP]; 13-8, Higashikoigakubo 6-chome, Kokubunji-shi, Tokyo 185 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/41979** (13) A1
- (21) PCT/US97/08842
- (22) **5 Jun/juin 1997 (05.06.1997)**
- (25) en (26) en
- (31) 60/040,724 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G11B 3/00, 3/90, 5/027, 5/09, 7/00, 7/24, 7/26, 17/22**
- (54) ● COPY PROTECTABLE OPTICAL MEDIA DEVICE AND METHODOLOGY THEREFOR
- DISPOSITIF SUPPORT OPTIQUE POUVANT ETRE PROTEGE CONTRE LA COPIE, ET METHODOLOGIE ASSOCIEE
- (71) **HIDE AND SEEK TECHNOLOGIES, L.L.C.** [US/US]; 24 Big Springs Drive, Nederland, CO 80466 (US).
- (72) **MCLAUGHLIN, Mark**; 5420 S. Woodchase Court, Baton Rouge, LA 70808 (US). **LA-CKRITZ, Hilary, S.**; 130 Harbour Drive, Half-Moon Bay, CA 94019 (US). **SMITH, Jerry**; 5690 W. Rowland Avenue, Littleton, CO 80123 (US). **WELDON, James**; 75 Doe Trail, Nederland, CO 80466 (US). **MERRY, J., Bradford**; 63 Gentry Court, Annapolis, MD 21403 (US). **SCHNECK, Carl, R., Jr.**; 3099 Sunrise Lake, Milford, PA 18337 (US).
- (74) **KOVARIK, Joseph, E.** et al. / etc.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/41980** (13) A2
- (21) PCT/US98/00157
- (22) **7 Jan/jan 1998 (07.01.1998)**
- (25) en (26) en
- (31) 60/041,268 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G11B 5/39, 5/127**
- (54) ● IMPROVED MAGNETORESISTIVE READ SENSOR AND METHOD OF FABRICATING A MAGNETORESISTIVE READ SENSOR
- MODELE PERFECTIONNE DE TRANSDUCTEUR DE LECTURE A MAGNETORESISTANCE, ET PROCEDE DE FABRICATION DE TRANSDUCTEUR DE LECTURE A MAGNETORESISTANCE
- (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XUE, Song, Sheng** [CN/US]; 7150 Cahill Road, Edina, MN 55439 (US). **RYAN, Patrick, J.** [US/US]; 1249 Scheffer Avenue, Saint-Paul, MN 55116 (US). **DOLEJSI, James, F.** [US/US]; 9260 Kiowa Trail, Chanhassen, MN 55317 (US).
- (74) **ANGUS, Robert, M.** et al. / etc.; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).
- (81) DE GB JP KR SG US.

- (11) **WO 98/41981** (13) A1
- (21) PCT/US97/04072
- (22) **14 Mar/mar 1997 (14.03.1997)**
- (25) en (26) en
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G11B 5/596**
- (54) ● DISC DRIVE SERVO SYSTEM EMPLOYING THERMAL SIGNALS
- SYSTEME ASSERVI D'ENTRAINEMENT DE DISQUES UTILISANT DES SIGNAUX THERMIQUES
- (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEYER, Dallas, W.** [US/US]; 13308 Oliver Avenue South, Burnsville, MN 55337 (US). **NAGARAJAN, Subrahmanyam** [IN/US]; 15705 Alpine Circle, Burnsville, MN 55306 (US).
- (74) **ANGUS, Robert, M.**; Kinney & Lange, P.A., Suite 1500, 625 4th Avenue South, Minneapolis, MN 55415-1659 (US).
- (81) DE GB JP KR SG US.

- (11) **WO 98/41982** (13) A1
- (21) PCT/US98/05355
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 08/821,241 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **G11B 7/24, 23/40**
- (54) ● CUSTOMIZED GRAPHICS FOR DUAL LAYER OPTICAL DISCS
- IMAGES GRAPHIQUES PERSONNALISEES POUR DISQUES OPTIQUES A DEUX COUCHES
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **BAHNS, Ted, L.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) **LEVINSON, Eric, D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41983** (13) A1

(21) PCT/US98/05512

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/821,240 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 7/24, 7/26, 23/40**

(54) ● CUSTOMIZED GRAPHICS FOR OPTICAL DISCS
● GRAPHIQUES SUR MESURE POUR DISQUES OPTIQUES

(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) **BAHNS, Ted, L.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) **LEVINSON, Eric, D.** et al. / etc.; Imation Corp., Imation Legal Affairs, P.O. Box 64898 55164-0898, Saint Paul, MN 55164-0898 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/41984** (13) A1

(21) PCT/JP98/01092

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) ja (26) ja

(31) 9/65182 (32) **18 Mar/mar 1997 (33) JP (18.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 7/26**

(54) ● METHOD OF PRODUCTION OF INFORMATION RECORDING CARRIER
● PROCEDE DE PRODUCTION D'UN SUPPORT DE MEMORISATION D'INFORMATIONS

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAKUWA, Atsushi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **NISHIKAWA, Takao** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **NEBASHI, Satoshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(81) CN KR US.

(11) **WO 98/41985** (13) A1

(21) PCT/US98/05524

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/821,690 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 17/04**

(54) ● COMPACT DISC LOADER AND TRANSPORTER APPARATUS

● DISPOSITIF SERVANT A CHARGER ET A TRANSPORTER UN DISQUE COMPACT

(71) **MULTIDISC TECHNOLOGIES** [US/US]; Suite 800, 7755 Center Avenue, Huntington Beach, CA 92647 (US).

(72) **BOS, Eric, Rene**; 17915 Santa Valera, Fountain Valley, CA 92708 (US). **MONTELIUS, Robert, L., Jr.**; 26001 La Cuesta Avenue, Laguna Hills, CA 92653 (US).

(74) **STETINA, Kit, M.** et al. / etc.; Stetina Brunda Garred & Brucker, 4th floor, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41986** (13) A2

(21) PCT/DE98/00776

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 11 440.7 (32) **19 Mar/mar 1997 (33) DE (19.03.1997)**

(31) 197 18 980.6 (32) **5 May/mai 1997 (33) DE (05.05.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 17/22**

(54) ● SYSTEM FOR RECOGNISING AND CONTROLLING DRIVING MECHANISMS

● SYSTEME POUR RECONNAITRE ET COMMANDER AUTOMATIQUEMENT UN MECANISME D'ENTRAINEMENT

(71) **NSM AKTIENGESELLSCHAFT** [DE/DE]; Saarlandstrasse 240, D-55411 Bingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PITZ, Ulrich** [DE/DE]; St. Johanner Strasse 104, D-55576 Sprendlingen (DE).

(74) **BECKER, Bernd**; Becker & Aue, Saarlandstrasse 66, D-55411 Bingen (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41987** (13) A1

(21) PCT/JP97/00910

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 20/10, G11C 7/00, H03M 13/22**

(54) ● DEVICE AND METHOD FOR REPRODUCING DIGITAL SIGNAL USING VARIABLE BUS-WIDTH MEMORY AND DEVICE AND METHOD FOR RECORDING DIGITAL SIGNAL

● DISPOSITIF ET PROCEDE DE PRODUCTION D'UN SIGNAL NUMERIQUE A L'AIDE D'UNE MEMOIRE A LARGEUR DE BUS VARIABLE ET DISPOSITIF ET PROCEDE D'ENREGISTREMENT DU SIGNAL NUMERIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAYAMA, Hiroshi** [JP/JP]; 728-1, Shinbashi-cho, Izumi-cho, Yokohama-shi, Kanagawa 245 (JP). **TAKEUCHI, Toshifumi** [JP/JP]; 307-2, Minezawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 244 (JP). **NAGAI, Yutaka** [JP/JP]; 643-1, Nakata-cho, Izumi-ku, Yokohama-shi, Kanagawa 245 (JP). **KAWAMAE, Osamu** [JP/JP]; 2580-5, Okazu-cho, Izumi-ku, Yokohama-shi, Kanagawa 245 (JP). **HOSHIZAWA, Taku** [JP/JP]; 5977-1, Tsujido, Fujisawa-shi, Kanagawa 251 (JP). **AKAHOSHI, Kenji** [JP/JP]; 3514, Tot-suka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41988** (13) A1

(21) PCT/US98/05404

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/821,336 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 27/10, 27/034**

(54) ● METHOD AND APPARATUS FOR SYNCHRONIZING DEVICES IN AN AUDIO/VIDEO SYSTEM

● PROCEDE ET APPAREIL DE SYNCHRONISATION DE DISPOSITIFS DANS UN SYSTEME AUDIO/VIDEO

(71) **AVID TECHNOLOGY, INC.** [US/US]; Metropolitan Technology Park, One Park West, Tewksbury, MA 01876 (US).

(72) **LAMACCHIA, Sam, R.**; 229 Pacific Avenue, Redwood City, CA 94063 (US).

(74) **McGUINNESS, Lindsay, G.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, Massachusetts 02210 (US).

(81) AU CA CN DE GB JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41989** (13) A1

(21) PCT/US98/05326

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/819,851 (32) **17 Mar/mar 1997 (33) US (17.03.1997)**

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11B 33/14**

(54) ● ADSORBENT CONSTRUCTION AND METHOD
● STRUCTURE ADSORBANTE ET PROCEDE

(71) **DONALDSON COMPANY, INC.** [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).

(72) **DAHLGREN, Andrew, C.**; 1320 Winnetka Avenue North, Golden Valley, MN 55427 (US). **ROGERS, Robert, M.**; 17049 Shorewood Road, Minnetonka, MN 55345 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41990** (13) A1

(21) PCT/DE98/00479

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) de (26) de

(31) 197 11 097.5 (32) **17 Mar/mar 1997 (17.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G11C 29/00**

(54) ● INTEGRATED CIRCUIT WITH A MEMORY AND A CONTROL CIRCUIT

● CIRCUIT INTEGRE COMPRENANT UNE MEMOIRE ET UN CIRCUIT DE CONTROLE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **WEIGAND, Roland** [DE/DE]; Chiemgaustrasse 64 A, D-81549 München (DE). **RICHTER, Detlev** [DE/DE]; Kranichweg 3, D-81827 München (DE).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41991** (13) A1

(21) PCT/JP97/00840

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G21C 7/08, 7/00, 5/00, 5/18**

(54) ● METHOD OF OPERATING REACTOR

● PROCEDE D'EXPLOITATION D'UN REACTEUR

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NARITA, Kenmi** [JP/JP]; 1-1, Jyonancho 4-chome, Hitachi-shi, Ibaraki 317 (JP). **HAIKAWA, Katsumasa** [JP/JP]; 4-13-14, Tomobehigashi, Jyuo-machi, Taga-gun, Ibaraki 319-13 (JP). **YAMANAKA, Akihiro** [JP/JP]; 1-26, Jyonancho 3-chome, Hitachi-shi, Ibaraki 317 (JP). **KANDA, Akiko** [JP/JP]; 8-12-218, Kokubuchō 3-chome, Hitachi-shi, Ibaraki 316 (JP). **MOCHIDA, Takaaki** [JP/JP]; 2-1, Jyonancho 3-chome, Hitachi-shi, Ibaraki 317 (JP). **YAMASHITA, Junichi** [JP/JP]; 30-3, Nakamarucho 1-chome, Hitachi-shi, Ibaraki 317 (JP). **KOYAMA, Junichi** [JP/JP]; 5-6-2, Suwacho 4-chome, Hitachi-shi, Ibaraki 316 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41992** (13) A1

(21) PCT/US98/05219

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/039,346 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **G21K 1/06**

(54) ● MEDICAL USES OF FOCUSED AND IMAGED X-RAYS

● UTILISATIONS MEDICALES DE RAYONS X FOCALISES ET D'IMAGERIE PAR RAYONS X

(71) **FOCUSED X-RAYS LLC** [US/US]; 4323 North 30th Street, Boulder, CO 80301-1643 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBSTER, C., Cash, Jr.** [US/US]; 4323 North 30th Street, Boulder, CO 80301-1643 (US).

(74) **KOIVUNIEMI, Paul, J.**; 6397 Swallow Lane, Boulder, CO 80303 (US).

(81) AU CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41993** (13) A1

(21) PCT/US98/04050

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/818,483 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01B 3/04, 3/40, H02K 3/30**

(54) ● CATALYZED MICA TAPES FOR ELECTRICAL INSULATION

● BANDES DE MICA CATALYSEES PERMETTANT UNE ISOLATION ELECTRIQUE

(71) **CBS CORPORATION** [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(72) **SMITH, James, D., B.**; 110 Drake Drive, Monroeville, PA 15146 (US). **SCHOCH, Karl, F., Jr.**; 769 Longeay Road, Pittsburgh, PA 15235 (US). **EMERY, Franklin, T.**; 3321 Paisley Circle, Orlando, FL 32817 (US).

(74) **LENART, Robert, P.** et al. / etc.; CBS Corporation, Law Dept., 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(81) DE GB PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41994** (13) A1

(21) PCT/EP98/01513

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) de (26) de

(31) 197 11 410.5 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01B 3/42**

(54) ● IMPREGNATING, CASTING AND COATING COMPOUNDS FOR ELECTROTECHNICAL AND/OR ELECTRONIC COMPONENTS AND FOR CARRIER MATERIALS FOR PLANE INSULATING MATERIALS

● PRODUITS D'IMPREGNATION, DE MOULAGE ET DE REVETEMENT POUR COMPOSANTS ELECTROTECHNIQUES ET/OU ELECTRONIQUES ET POUR MATERIAUX SUPPORTS POUR MATIERES ISOLANTES PLANES

(71) **DR. BECK & CO. AG** [DE/DE]; Grossmannstrasse 105, D-20539 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLUM, Rainer** [DE/DE]; Rüdigerstrasse 64, D-67069 Ludwigshafen (DE). **EICHHORST, Manfred** [DE/DE]; Am Ohlendiek 18, D-22113 Oststeinbek (DE). **HEGEMANN, Günter** [DE/DE]; Andreasstrasse 23, D-22301 Hamburg (DE). **LIENERT, Klaus-Wilhelm** [DE/DE]; Bernadottestrasse 54, D-22763 Hamburg (DE).

(74) **FITZNER, Uwe**; Kaiserswertherstrasse 78, D-40878 Ratingen (DE).

(81) BR CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/41995** (13) A1

(21) PCT/US98/05322

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/822,395 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01B 7/28, 3/44**

(54) ● TREE RESISTANT CABLE

● CABLE RESISTANT A LA FORMATION DE CRIQUES

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **GROSS, Laurence, Herbert**; 977 Rector Road, Bridgewater, NJ 08807 (US).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) AU BR CA KP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41996** (13) A1

(21) PCT/GB98/00826

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9705718.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01C 1/01, 1/08, 3/10**(54) ● RESISTOR ELEMENTS
● ELEMENTS DE RESISTANCE(71) **EATON LTD.** [GB/GB]; Staines Road, Hounslow, Middlesex TW4 5DX (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **EVERETT, Russell** [GB/GB]; Westwinds, Church Lane, Welborne, East Dereham, Norfolk NR20 3LN (GB).(74) **CLARKE, Geoffrey, H.**; Eaton Ltd., Staines Road, Hounslow, Middlesex TW4 5DX (GB).

(81) CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/41997** (13) A1

(21) PCT/US98/05354

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/819,280 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01F 3/14, 27/34, 27/25, 41/02**(54) ● ELECTRICAL CHOKE
● BOBINE D'ARRET ELECTRIQUE(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).(72) **COLLINS, Alike**; 215 Grove Street, Newton, MA 02166 (US). **SILGAILIS, John**; 41 The Glen, Cedar Grove, NJ 07009 (US). **FARLEY, Peter**; 201 Pershing Avenue, Roselle Park, NJ 07204 (US). **HASEGAWA, Ryusuke**; 29 Hill Street, Morristown, NJ 07960 (US).(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept., (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/41998** (13) A1

(21) PCT/BG98/00009

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 101342 (32) **19 Mar/mar 1997 (19.03.1997)** (33) BG

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01F 27/28, 27/32**

(54) ● A TRANSFORMER WINDING STRUCTURE AND PROFILED CONDUCTIVE STRIP FOR THE SAME

● ENROULEMENTS DE TRANSFORMATEURS ET BANDE CONDUCTRICE PROFILEE CORRESPONDANTE

(71, 72) **NACHEV, George Nachev** [BG/BG]; Univer-siada Boulevard, 4, 1797 Sofia (BG).

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

Published / Publiée : (c)

(11) **WO 98/41999** (13) A1

(21) PCT/JP98/01077

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/62652 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01G 4/30**(54) ● ELECTRONIC COMPONENT
● COMPOSANT ELECTRONIQUE(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HONDA, Kazuyoshi** [JP/JP]; 5-34, Jonancho 1-chome, Takatsuki-shi, Osaka 569-0056 (JP). **ECHIGO, Noriyasu** [JP/JP]; 5-5, Kusugaokacho 2-chome, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). **ODAGIRI, Masaru** [JP/JP]; 2-46, Sei-wadai-nishi 2-chome, Kawanishi-shi, Hyogo 666-0143 (JP). **SUNAGARE, Nobuki** [JP/JP]; 10-20, Agenogi 6-chome, Matsue-shi, Shimane 690-0015 (JP).(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42000** (13) A1

(21) PCT/DE98/00806

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 13 478.5 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01H 33/66**(54) ● VACUUM SWITCHING TUBES WITH A METAL HOUSING PART POSITIONED BETWEEN TWO INSULATORS
● INTERRUPTEURS A VIDE COMPRENANT UN BOITIER METALLIQUE PLACE ENTRE DEUX ISOLATEURS(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KUSSEROW, Jörg** [DE/DE]; Grüner Bogen 6, D-15366 Neuenhagen (DE). **RENZ, Roman** [DE/DE]; Neuhofer Strasse 78, D-12355 Berlin (DE).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42001** (13) A1

(21) PCT/JP97/00907

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(31) 9/62693 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01H 83/02, 73/12**(54) ● EARTH LEAKAGE CIRCUIT BREAKER
● DISJONCTEUR A COURANT DE FUITE A LA MASSE(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **YAMADA, Yukihide** [JP/JP]; 563-25, Oyamatsu, Niigata-shi, Niigata 950 (JP). **SATO, Eietsu** [JP/JP]; 315-270, Oaza-nagahashishita, Nakajo-machi, Kitakanbara-gun, Niigata 959-26 (JP). **SEKIGUCHI, Toshihiro** [JP/JP]; Hitachikita-ryo, 1782-1, Oaza-ode, Nakajo-machi, Kitakanbara-gun, Niigata 959-26 (JP). **FUJITA, Hidetaka** [JP/JP]; Hitachinishi-ryo, 1782-1, Oaza-ode, Nakajo-machi, Kitakanbara-gun, Niigata 959-26 (JP). **YOKOYAMA, Kouichi** [JP/JP]; 252, Fujiyose, Seiroumachi, Kitakanbara-gun, Niigata 252 (JP). **OHSHIMA, Tooru** [JP/JP]; Hitachinishi-ryo, 1782-1, Oaza-ode, Nakajo-machi, Kitakanbara-gun, Niigata 959-26 (JP). **AIHARA, Kazuya** [JP/JP]; Hitachisayaku Higashi 2-208, 1782-1, Oaza-ode, Nakajo-machi, Kitakanbara-gun, Niigata 959-26 (JP). **SHIMANO, Terumi** [JP/JP]; 3343-17, Oaza-sakamachi, Arakawa-cho, Iwafune-gun, Niigata 959-31 (JP).(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42002** (13) A1

(21) PCT/US98/05174

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,013 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 17/49**(54) ● GLOW PLASMA DISCHARGE DEVICE
● DISPOSITIF DE DECHARGE LUMINES-CENTE A PLASMA(63) US 08/820,013 (CIP)
18 Mar/mar 1997 (18.03.1997)(71) **TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY** [US/US]; Castle Point on Hudson, Hoboken, NJ 07030 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KUNHARDT, Erich, E.** [US/US]; 807 Castle Point Terrace, Hoboken, NJ 07030 (US). **BECCKER, Kurt, H.** [DE/US]; Apartment 10B, 25 East 9th Street, New York, NY 10003 (US).

(74) **FRISCIA, Michael, R.**; Friscia & Nussbaum, One University Plaza, Hackensack, NJ 07601 (US).

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Published / Publiée : (a)

(11) **WO 98/42003** (13) A1

(21) PCT/JP98/01048

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/60283 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 29/07, 31/20**

(54) ● COLOR CATHODE-RAY TUBE
● TUBE CATHODIQUE COULEUR

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANI, Munechika** [JP/JP]; 64-1, Tokiwacho, Fukaya-shi, Saitama-ken 366-0034 (JP). **MURAI, Takashi** [JP/JP]; 77-3, Tokiwacho, Fukaya-shi, Saitama-ken 366-0034 (JP). **SAOTOME, Ichiro** [JP/JP]; 1-10-5, Kitaurawa, Urawa-shi, Saitama-ken 336-0002 (JP). **INOUE, Masatsugu** [JP/JP]; 1070-4, Niibori, Kumagaya-shi, Saitama-ken 360-0841 (JP).

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

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(11) **WO 98/42004** (13) A1

(21) PCT/JP98/01044

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/60285 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 29/86, 29/07, 31/20**

(54) ● COLOR CATHODE RAY TUBE
● TUBE CATHODIQUE COULEUR

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71) **TOSHIBA ELECTRONIC ENGINEERING CORPORATION** [JP/JP]; 7-1, Nissincho, Kawasaki-ku, Kawasaki-shi, Kanagawa-ken 210-0024 (JP).
(only for / seulement pour JP)

(72, 75) **YAMAZAKI, Tatsuya** [JP/JP]; 201, Sambian H-Toh, 3784, Ozahigashikata, Fukaya-shi, Saitama-ken 366-0041 (JP).

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

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(11) **WO 98/42005** (13) A1

(21) PCT/FR98/00507

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) fr (26) fr

(31) 97/03103 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 31/12**

(54) ● DISPLAY SCREEN FREE FROM SCREEN PATTERN
● ECRAN D'AFFICHAGE SANS EFFET DE MOIRE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR). **PIXTECH** [FR/FR]; Avenue Olivier Perroy, Zone Industrielle du Rousset, F-13790 Rousset (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEMERIA, Marie-Noëlle** [FR/FR]; Rochetière, F-38250 Saint-Nizier de Moucherotte (FR). **ROMMEVEAUX, Philippe** [FR/FR]; 14, rue Georges Melies, F-38130 Echirolles (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42006** (13) A1

(21) PCT/US98/04678

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 60/040,716 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(31) Not furnished / non communiqué (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 49/04**

(54) ● A DEVICE FOR CONTINUOUS ISOTOPE RATIO MONITORING FOLLOWING FLUORINE BASED CHEMICAL REACTIONS
● DISPOSITIF DE CONTROLE CONTINU DU RAPPORT ISOTOPIQUE APRES DES REACTIONS CHIMIQUES AU FLUOR

(71) **GEORGE WASHINGTON UNIVERSITY** [-/US]; School of Medicine and Health Sciences, 2300 Eye Street, N.W., Washington, DC 20037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABRAMSON, Fred, P.** [-/US]; 2123 O Street, N.W., Washington, DC 20037 (US).

(74) **MILLS, Demetra, J.**; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42007** (13) A1

(21) PCT/US98/05036

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 60/040,599 (32) **15 Mar/mar 1997 (15.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01J 49/10**

(54) ● DISPOSABLE MICROTIPT PROBE FOR LOW FLOW ELECTROSPRAY
● SONDE A MICROPOINTE JETABLE POUR ELECTROPULVERISATION A BAS DEBIT

(71) **ANALYTICA OF BRANFORD, INC.** [US/US]; 29 Business Park Drive, Branford, CT 06405 (US).

(74) **COHEN, Morris, E.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 757 Third Avenue, New York, NY 10017 (US).

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(11) **WO 98/42008** (13) A2

(21) PCT/US98/05230

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/039,332 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(31) 09/038,809 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L**

(54) ● INTEGRATED WAFER POD-LOAD/UNLOAD AND MASS-TRANSFER SYSTEM
● SYSTEME A PLAQUETTE INTEGREE DE CHARGEMENT/DECHARGEMENT DE CONTENANT ET DE TRANSFERT DE MASSE

(71) **FORTREND ENGINEERING CORPORATION** [US/US]; 1273 Hammerwood Avenue, Sunnyvale, CA 94089 (US).

(72) **RUSH, John, M.**; 445 Bush Street, Mountain View, CA 94041 (US).

(74) **SCHREIBER, Donald, E.**; P.O. Box 64150, Sunnyvale, CA 94088-4150 (US).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42009** (13) A1

(21) PCT/JP97/00810

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 21/28, 29/78**

(54) ● PROCESS FOR PRODUCING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE
● PROCEDE POUR PRODUIRE UN DISPOSITIF A CIRCUIT INTEGRE A SEMI-CONDUCTEUR

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHIHARA, Shinji** [JP/JP]; 10-13, Kitamachi 2-chome, Kokubunji-shi, Tokyo 185 (JP). **IKEDA, Shuji** [JP/JP]; 30-8, Nukuikitamachi 3-chome, Koganei-shi, Tokyo 184 (JP). **HASHIMOTO, Naotaka** [JP/JP]; Vision Heights

- Koganei 402, 1-6-23, Nukuikitamachi, Koganei-shi, Tokyo 184 (JP). **MOMIJI, Hiroshi** [JP/JP]; Hitachi Koigakubo-Ryo, 3-8-1, Nishikoigakubo, Kokubunji-shi, Tokyo 185 (JP). **ABE, Hiromi** [JP/JP]; 23-15, Minamisenju 5-chome, Arakawa-ku, Tokyo 116 (JP). **FUKADA, Shinichi** [JP/JP]; Saeki-mansion 101, 946, Ochikawa, Hino-shi, Tokyo 191 (JP). **SUZUKI, Masayuki** [JP/JP]; Lionsmansion Kokubunji-Keyakikouen 201, 2-33-14, Higashikoigakubo, Kokubunji-shi, Tokyo 185 (JP).
- (74) **TSUTSUI, Yamato**; Tsutsui & Associates, N.S. Excel 301, 22-45, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42010** (13) A1
 (21) PCT/US98/04695
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en
 (31) 08/818,920 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/30, 21/46**
 (54) ● BONDED SOI WAFERS USING HIGH ENERGY IMPLANT
 ● GALETTES SILICIUM SUR ISOLANT UTILISANT UN IMPLANT A HAUTE ENERGIE
 (71) **GENUS, INC.** [US/US]; 1139 Karlstad Drive, Sunnyvale, CA 94089 (US).
- (71, 72) **BORLAND, John, O.** [-/US]; 34 Cunningham Drive, South Hamilton, MA 01982 (US).
- (74) **NIELDS, Henry, C.** et al. / etc.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/42011** (13) A1
 (21) PCT/US98/05142
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/818,890 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/306, 21/321**
 (54) ● UV/HALOGEN METALS REMOVAL PROCESS
 ● PROCEDE D'ELIMINATION DE METAUX PAR U.V./HALOGENE
 (71) **FSI INTERNATIONAL, INC.** [US/US]; 322 Lake Hazeltine Drive, Chaska, MN 55318-1096 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 3000 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) **LAWING, Andrew, Scott**; 8809 S. Pointe Parkway E. #2167, Phoenix, AZ 85044 (US). **FAYFIELD, Robert, T.**; 2814 Huntington Avenue, St. Louis Park, MN 55416 (US). **SAWIN, Herbert, H.**; 15 Larkin Road, Chestnut Hill, MA 02167 (US). **CHANG, Jane**; 143 Albany Street #401B, Cambridge, MA 02139 (US).
- (74) **STEINKRAUS, Walter, J.** et al. / etc.; Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
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- (11) **WO 98/42012** (13) A1
 (21) PCT/JP98/01089
 (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) ja (26) ja
 (31) 9/62993 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
 (31) 9/201272 (32) **28 Jul/juil 1997 (28.07.1997)** (33) JP
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/3065**
 (54) ● METHOD AND DEVICE FOR PLASMA TREATMENT
 ● PROCEDE ET DISPOSITIF PERMETTANT LE TRAITEMENT DE PLASMA
 (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) **OKUMURA, Tomohiro** [JP/JP]; 13-13-201, Suehiro-cho, Kadoma-shi, Osaka 571-0030 (JP). **NAKAYAMA, Ichiro** [JP/JP]; 13-17, Suehiro-cho, Kadoma-shi, Osaka 571-0030 (JP). **WATANABE, Shozo** [JP/JP]; Shotoryo, 5-22-13, Touda-cho, Moriguchi-shi, Osaka 570-0014 (JP). **HARAGUCHI, Hideo** [JP/JP]; 203, Uenodai-rejidensu, 2-11-35, Uenohigashi, Toyonaka-shi, Osaka 560-0013 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
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- Published / Publiée : (c)
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- (11) **WO 98/42013** (13) A1
 (21) PCT/US98/03828
 (22) **27 Feb/fév 1998 (27.02.1998)**
 (25) en (26) en
 (31) 08/819,670 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/311, 21/306, G03F 7/42**
 (54) ● A PROCESS FOR PHOTORESIST REMOVAL
 ● PROCEDE POUR ELIMINATION DE PHOTORESINE
 (71) **FSI INTERNATIONAL INC.** [US/US]; 322 Lake Hazeltine Drive, Chaska, MN 55318-1096 (US).
- (72) **OIKARI, James, R.**; Apartment 924, 11783 Shannon Court, Eden Prairie, MN 55344 (US). **OLSON, Erik, D.**; 1847 Beckman Avenue, Arden Hills, MN 55112 (US).
- (74) **STEINKRAUS, Walter, J.** et al. / etc.; Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131 (US).
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- Published / Publiée : (a)
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- (11) **WO 98/42014** (13) A1
 (21) PCT/US98/05439
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 08/822,588 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/311, H01J 37/32**
 (54) ● IMPROVED METHODS AND APPARATUS FOR CONTROLLED PARTIAL ASHING IN A VARIABLE-GAP PLASMA PROCESSING CHAMBER
 ● PROCEDES ET APPAREIL AMELIORES D'EBARBAGE REGULE PARTIEL DANS UNE CHAMBRE DE TRAITEMENT AU PLASMA A ECARTEMENT VARIABLE
 (71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).
- (72) **BULLOCK, David, M.**; 880 Tartan Trail, Highland Village, TX 75067 (US).
- (74) **NGUYEN, Joseph, A.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42015** (13) A1
 (21) PCT/EP98/01405
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) de (26) de
 (31) 197 11 481.4 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01L 21/336, 29/78**
 (54) ● METHOD OF PRODUCING A VERTICAL MOS TRANSISTOR
 ● PROCEDE DE PRODUCTION D'UN TRANSISTOR MOS VERTICAL
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, D-52428 Jülich (DE). **RUHR-UNIVERSITÄT BOCHUM** [DE/DE]; Universitätsstrasse 150, D-44801 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AEUGLE, Thomas** [DE/DE]; Albert-Schweitzer-Strasse 38, D-81735 München (DE). **RÖSNER, Wolfgang** [DE/DE]; Heinzelmännchenstrasse 2, D-81739 München (DE). **VESCAN, Lili** [DE/DE]; Richtericher Strasse 86, D-52072 Aachen (DE). **BEHAMMER, Dag** [DE/DE]; Friedrichshafener Strasse 22, D-89079 Ulm (DE).
- (74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).
- (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/42016** (13) A1
 (21) PCT/EP98/01407
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) de (26) de
 (31) 197 11 482.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/336, 29/78**
- (54) ● METHOD FOR PRODUCING A VERTICAL MOS-TRANSISTOR
● PROCEDE DE PRODUCTION D'UN TRANSISTOR MOS VERTICAL
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **RUHR-UNIVERSITÄT BOCHUM** [DE/DE]; Universitätsstrasse 150, D-44801 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AEUGLE, Thomas** [DE/DE]; Albert-Schweitzer-Strasse 38, D-81735 München (DE). **RÖSNER, Wolfgang** [DE/DE]; Heißenmännchenstrasse 2, D-81739 München (DE). **BEHAMMER, Dag** [DE/DE]; Friedrichshafener Strasse 22, D-89079 Ulm (DE).
- (74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).
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Published / Publiée : (c)

- (11) **WO 98/42017** (13) A1
(21) PCT/JP98/01070
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) ja (26) ja
(31) 9/61584 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/68, B23Q 3/08**
- (54) ● FLOATING APPARATUS OF SUBSTRATE
● DISPOSITIF FLOTTANT AVEC SUBSTRAT
- (71) **KABUSHIKI KAISHA WATANABE SHOKO** [JP/JP]; 2-16, Nihonbashi-Muromachi 4-chome, Chuo-ku, Tokyo 103-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **TODA, Masayuki** [JP/JP]; 7-139, Higashi 2-chome, Yonezawa-shi, Yamagata-ken 992-0026 (JP).
- (72, 75) **UMEDA, Masaru** [JP/JP]; Kabushiki Kaisha Watanabe Shoko, 2-16, Nihonbashi-Muromachi 4-chome, Chuo-ku, Tokyo 103-0022 (JP). **KANNO, Yoichi** [JP/JP]; 31-303, Otomachi 5-chome, Aoba-ku, Sendai-shi, Miyagi-ken 980-0805 (JP). **OHMI, Tadahiro** [JP/JP]; 1-17-301, Komegabukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi-ken 980-0813 (JP).
- (74) **FUKUMORI, Hisao**; 2F Fuji Building, 5-11, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).
- (81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42018** (13) A1
(21) PCT/JP98/01186
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) ja (26) ja
(31) 9/85687 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP
(31) 9/187583 (32) **27 Jun/juin 1997 (27.06.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/68, G01B 11/00, B65G 49/07**

- (54) ● TRANSMITTING PHOTOELECTRIC SENSOR ARRAY
● ENSEMBLE DE CAPTEURS PHOTOELECTRIQUES DE TRANSMISSION
- (71) **OMRON CORPORATION** [JP/JP]; 10, Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto-shi, Kyoto 616-8025 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKIGUCHI, Hideaki** [JP/JP]; Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku, Kyoto-shi, Kyoto 616-8025 (JP).
- (74) **USHIKU, Kenji** et al. / etc.; Shimbashi Frontier Building, 7th floor, 4-5, Shimbashi 3-chome, Minato-ku, Tokyo 105-0004 (JP).
- (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 GW HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/42019** (13) A1
(21) PCT/SE98/00489
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 9701002-9 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE
(31) 9704333-5 (32) **25 Nov/nov 1997 (25.11.1997)** (33) SE
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/762, 21/763, 21/331, 29/417, 29/732**
- (54) ● TRENCH-ISOLATED BIPOLAR DEVICES
● DISPOSITIFS BIPOLAIRES ISOLEES PAR UNE TRANCHEE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **NORSTRÖM, Hans**; Mårdstigen 3, S-170 75 Solna (SE). **TYLSTEDT, Ola, Knut**; Elsbjövägen 32, S-162 70 Vällingby (SE). **LINDGRÉN, Anders**; Celsings väg 79 1 tr, S-192 79 Sollentuna (SE).
- (74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).
- (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42020** (13) A1
(21) PCT/US98/05202
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/820,533 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/768, 21/321, 21/3213**

- (54) ● METHOD FOR ETCHING A CONDUCTIVE LAYER
● PROCEDE D'ATTAQUE CHIMIQUE D'UNE COUCHE CONDUCTRICE
- (71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).
- (72) **ARNETT, David, R.**; Apartment #21, 37767 Fremont Boulevard, Fremont, CA 94536 (US). **MUSSER, Jeffrey, V.**; 3105 E. Eastgate, Boise, ID 83705 (US).
- (74) **NGUYEN, Joseph, A.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42021** (13) A1
(21) PCT/JP97/00904
(22) **19 Mar/mar 1997 (19.03.1997)**
(25) ja (26) ja
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 21/822, 27/04, H03K 19/096, 19/0185**
- (54) ● SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE
● DISPOSITIF POUR CIRCUIT INTEGRE SEMI-CONDUCTEUR
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAUCHI, Tatsumi** [JP/JP]; 1906-5, Hata-cho, Hitachiohta-shi, Ibaraki 313 (JP). **KUCHIMACHI, Kazuharu** [JP/JP]; Hitachi Chishindail-ryo, 24-1, Hirasawa, Hadano-shi, Kanagawa 257 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42022** (13) A1
(21) PCT/JP98/00865
(22) **3 Mar/mar 1998 (03.03.1998)**
(25) ja (26) ja
(31) 9/65176 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H01L 23/28, 23/36, 21/56**
- (54) ● SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME
● DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION ASSOCIE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASAKI, Yasuyuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building, 2nd floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
- (81) CN JP KR SG US.

(11) **WO 98/42023** (13) A1
 (21) PCT/US98/04696
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en

(31) 08/822,537 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 27/02, 29/06**

(54) ● METHOD FOR CMOS LATCH-UP IMPROVEMENT BY MEV BILLI (BURIED IMPLANTED LAYER FOR LATERAL ISOLATION) PLUS BURIED LAYER IMPLANTATION
 ● PROCEDE D'AMELIORATION DU VERROUILLAGE A L'ETAT PASSANT DE MOS COMPLEMENTAIRE PAR MEV BILLI (COUCHE IMPLANTEE ENTERRE POUR ISOLATION LATERALE) PLUS IMPLANTATION D'UNE COUCHE ENTERREE

(71) **GENUS, INC.** [US/US]; 1139 Karlstad Drive, Sunnyvale, CA 94089 (US).

(72) **BORLAND, John, O.**; 34 Cunningham Drive, South Hamilton, MA 01982 (US).

(74) **NIELDS, Henry, C.** et al. / etc.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42024** (13) A1

(21) PCT/US98/04218

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 08/820,586 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 29/06, 31/0328, 31/0336, 33/00, 21/06, 21/16, 21/34**

(54) ● III-NITRIDE SUPERLATTICE STRUCTURES
 ● STRUCTURES HETERARCHIQUES AU NITRURE III

(71) **NORTHWESTERN UNIVERSITY** [US/US]; 1801 Maple Avenue, Evanston, IL 60201 (US).

(72) **RAZEGHI, Manijeh**; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 S. Riverside Plaza, Chicago, IL 60606 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42025** (13) A1

(21) PCT/DE98/00805

(22) **14 Mar/mar 1998 (14.03.1998)**

(25) de (26) de

(31) 197 11 165.3 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 29/78, 21/336**

(54) ● CONTACT ARRANGEMENT FOR A PLANAR, INTEGRABLE SEMICONDUCTOR ARRANGEMENT AND METHOD FOR PRODUCING SAID CONTACT ARRANGEMENT

● AGENCEMENT DE CONTACTS DESTINE A UN ENSEMBLE SEMICONDUCTEUR INTEGRE ET DE TYPE PLANAR ET PROCEDE POUR REALISER CET AGENCEMENT DE CONTACTS

(71) **SIMI SILICIUM MICROELECTRONIC INTEGRATION GMBH** [DE/DE]; Postfach 379, D-15203 Frankfurt (DE).

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

(72, 75) **JANISCH, Wolfgang** [DE/DE]; Leipziger Strasse 159, D-15232 Frankfurt (DE).

(74) **ERICH, Dieter** et al. / etc.; August-Bebel-Ring 36, D-15751 Niederlehme (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42026** (13) A1

(21) PCT/EP98/01406

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) de (26) de

(31) 197 11 483.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 29/78, 29/786, 21/336**

(54) ● VERTICAL MOS TRANSISTOR AND METHOD OF PRODUCING THE SAME

● TRANSISTOR MOS VERTICAL ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

RUHR-UNIVERSITÄT BOCHUM [DE/DE]; Universitätsstrasse 150, D-44801 Bochum (DE).

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

(72, 75) **AEUGLE, Thomas** [DE/DE]; Albert-Schweitzer-Strasse 38, D-81735 München (DE).

RÖSNER, Wolfgang [DE/DE]; Heinzelmännchenstrasse 2, D-81739 München (DE).

BEHAMMER, Dag [DE/DE]; Friedrichshafener Strasse 22, D-89079 Ulm (DE).

(74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42027** (13) A1

(21) PCT/US98/04562

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 60/819,413 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 29/786, G09G 3/30**

(54) ● HIGH PERFORMANCE DISPLAY PIXEL FOR ELECTRONIC DISPLAYS

● PIXEL HAUTE PERFORMANCE POUR AFFICHEURS ELECTRONIQUES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **KEYSER, Thomas, Robert**; 2918 Beaver Lake Court, Ellicott City, MD 21042 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42028** (13) A1

(21) PCT/EP98/01623

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) de (26) de

(31) 197 11 505.5 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 31/0352**

(54) ● HETEROSTRUCTURE SEMICONDUCTOR RADIATION DETECTOR FOR WAVELENGTHS FROM THE INFRARED SPECTRAL RANGE

● DETECTEUR DE RAYONNEMENT A HETEROSTRUCTURE DE SEMICONDUCTEUR POUR LONGUEURS D'ONDE DE LA ZONE SPECTRALE INFRAROUGE

(71) **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).

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

(72, 75) **SCHNEIDER, Harald** [DE/DE]; Fichtenstrasse 26, D-79194 Gundelfingen (DE).

WALTHER, Martin [DE/DE]; Schönbergstrasse 113, D-79285 Ebringen (DE).

(74) **RÖSLER, Uwe, Th.**; Münich & Rösler, Wilhelm-Mayr-Strasse 11, D-80689 München (DE).

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Published / Publiée : (c)

(11) **WO 98/42029** (13) A1

(21) PCT/IB98/00256

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 08/819,898 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 33/00, H01S 3/19**

(54) ● BLUE AND DEEP BLUE LASER STRUCTURE LATTICE-MATCHED TO AN InP SUBSTRATE

● STRUCTURE DE LASER BLEU ET BLEU PROFOND ADAPTEE EN RESEAU A UN SUBSTRAT EN InP

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
 (only for / seulement pour SE)

(72) **SHAHZAD, Kalid**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SNOEKS, Edwin**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42030** (13) A1

(21) PCT/JP98/01135

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/65727 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 33/00**

- (54) ● SEMICONDUCTOR LIGHT EMITTING ELEMENT
- ELEMENT EMETTEUR DE LUMIERE SEMI-CONDUCTEUR

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HATA, Toshio** [JP/JP]; 31-101, 2-1, Sujiyaku 5-chome, Nara-shi, Nara 631-0806 (JP).

(74) **NOGAWA, Shintaro**; Quarter-1 Building, 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CN JP KR US.

Published / Publiée : (a)

(11) **WO 98/42031** (13) A1

(21) PCT/RU97/00070

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) ru (26) ru

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 33/00**

- (54) ● LUMINESCENT DIODE
- DIODE LUMINESCENTE

(71, 72) **ABRAMOV, Vladimir Semenovich** [RU/RU]; ul. 26 Bakinskikh Komissarov, 10-2-95, Moscow, 117526 (RU). **BELENKOV, Nikolai Mikhailovich** [RU/RU]; Beskudnikovskiy bulvar, 52-63, Moscow, 127247 (RU). **DENISOV, Sergei Dmitrievich** [RU/RU]; ul. Abramtsevskaya 12-474, Moscow, 127576 (RU). **SCHERBAKOV, Nikolai Valentinovich** [RU/RU]; ul. Pervaya Novokuzminskaya 25-37, Moscow, 109377 (RU). **UVAROV, Lev Alexeevich** [RU/RU]; ul. Profsojuznaya, 99-338, Moscow, 117279 (RU).

(74) **UVAROV, Lev Alexeevich**; ul. Profsojuznaya, 99-338, Moscow, 117279 (RU).

(81) JP US; EP (AT DE FR GB IT).

Published / Publiée : (b)

(11) **WO 98/42032** (13) A1

(21) PCT/RU97/00071

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) ru (26) ru

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 33/00**

(54) ● LIGHT-EMITTING DIODE APPARATUS

- DISPOSITIF A DIODES ELECTROLUMINESCENTES

(71, 72) **ABRAMOV, Vladimir Semenovich** [RU/RU]; ul. 26 Bakinskikh komissarov, 10-2-95, Moscow, 117526 (RU). **BELENKOV, Nikolai Mikhailovich** [RU/RU]; Beskudnikovskiy bulvar, 52-63, Moscow, 127247 (RU). **DENISOV, Sergei Dmitrievich** [RU/RU]; ul. Abramtsevskaya, 12-474, Moscow, 127576 (RU). **SCHERBAKOV, Nikolai Valentinovich** [RU/RU]; ul. Pervaya Novokuzminskaya, 25-37, Moscow, 109377 (RU). **MALYSHEV, Nikolai Alexandrovich** [RU/RU]; ul. Leskova, 19, Orel, 302027 (RU). **UVAROV, Lev Alexeevich** [RU/RU]; ul. Profsojuznaya, 99-338, Moscow, 117279 (RU).

(74) **UVAROV, Lev Alexeevich**; ul. Profsojuznaya, 99-338, Moscow, 117279 (RU).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42033** (13) A1

(21) PCT/US98/05060

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/040,934 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 35/22**

- (54) ● Si/SiGe SUPERLATTICE STRUCTURES FOR USE IN THERMOELECTRIC DEVICES
- STRUCTURES HETERARCHIQUES Si/SiGe UTILISABLES DANS DES DISPOSITIFS THERMOELECTRIQUES

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **DRESSELHAUS, Mildred, C.**; 147 Jason Street, Arlington, MA 02174 (US). **HARMAN, Theodore, C.**; 4 Ross Road, Lexington, MA 02173 (US). **CRONIN, Stephen, B.**; Apartment 22F, 550 Memorial Drive, Cambridge, MA 02139 (US). **KOGA, Takaaki**; 313 Conant Hall, 36 Oxford Street, Cambridge, MA 02139 (US). **SUN, Xiangzhong**; Apartment 907, 540 Memorial Drive, Cambridge, MA 02139 (US). **WANG, Kang, L.**; 2024 Pier Avenue, Santa Monica, CA 90405 (US).

(74) **DALY, Christopher, S.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42034** (13) A1

(21) PCT/US98/05098

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/040,936 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(31) Not furnished / non communiqué (32) **16 Mar/mar 1998 (16.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01L 35/22, 35/16**

- (54) ● SUPERLATTICE STRUCTURES FOR USE IN A THERMOELECTRIC DEVICE

- STRUCTURE HETERARCHIQUES DESTINEES A ETRE UTILISEES DANS UN DISPOSITIF THERMOELECTRIQUE

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **HARMAN, Theodore, C.**; 4 Ross Road, Lexington, MA 02173 (US). **DRESSELHAUS, Mildred, S.**; 147 Jason Street, Arlington, MA 02174 (US). **SPEARS, David, L.**; 43 Washington Drive, Acton, MA 01720 (US). **WALSH, Michael, P.**; 130 Mulpus Road, Lunenburg, MA 01462 (US). **CRONIN, Stephen, B.**; Apartment 22F, 550 Memorial Drive, Cambridge, MA 02139 (US). **SUN, Xiangzhong**; Apartment 907, 540 Memorial Drive, Cambridge, MA 02139 (US). **KOGA, Takaaki**; 313 Conant Hall, 36 Oxford Street, Cambridge, MA 02138 (US).

(74) **DALY, Christopher, S.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42035** (13) A2

(21) PCT/US98/05319

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 60/039,354 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01M**

- (54) ● ELECTROLYTIC CELL AND METHOD FOR DEACTIVATING A RADIOACTIVE MATERIAL
- CELLULE ELECTROLYTIQUE ET PROCEDE SERVANT A DESACTIVER UNE MATIERE RADIOACTIVE

(71, 72) **PATTERSON, James, A.** [US/US]; 2074 Twentieth Street, Sarasota, FL 34234 (US).

(74) **PRESCOTT, Charles, J.**; Charles J. Prescott, P.A., Suite 115, 2033 Wood Street, Sarasota, FL 34237 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42036** (13) A1

(21) PCT/JP98/01193

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) ja (26) ja

(31) 9/66473 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(31) 9/95882 (32) **14 Apr/avr 1997 (14.04.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01M 2/06**

- (54) ● NONAQUEOUS THIN BATTERY
- PILE MINCE NON AQUEUSE

(71) **ASAHI KASEI KOGYO 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) **SASAYAMA, Masa-aki** [JP/JP]; Asahi Kasei No. 5 Fuji Ryou, 100, Kawanarijima, Fuji-shi, Shizuoka-ken 416-0939 (JP). **MINAKATA, Takashi** [JP/JP]; 1-15-5, Nakanodai, Fujikawa-cho, Ihara-gun, Shizuoka-ken 421-3302 (JP). **YASUKATA, Kouichi** [JP/JP]; 1-3, Hirata-nakamachi, Suzuka-shi, Mie-ken 513-0846 (JP).

(74) **TANAKA, Yukishige**; Akasaka Habitation Building, 3rd floor, 3-5, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

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

(11) **WO 98/42037** (13) A1

(21) PCT/US98/05123

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/820,465 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01M 6/18, 8/10, H01G 9/025**

(54) ● ELECTROCHEMICAL CELL HAVING A POLYMER BLEND ELECTROLYTE
● CELLULE ELECTROCHIMIQUE PRESENTANT UN ELECTROLYTE A MELANGE DE POLYMERES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LI, Changming**; 135 Royal Oak, Verna Hills, IL 60061 (US). **LIAN, Ke, Keryn**; 381 Crown Court, Palatine, IL 60067 (US). **WU, Han**; 987 Marlborough, Barrington, IL 60010 (US). **CHASON, Marc**; 1809 Fairhaven Lane, Schaumburg, IL 60194 (US).

(74) **SCUTCH, Frank, M., III**; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) CA CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42038** (13) A1

(21) PCT/EP98/01436

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) de (26) de

(31) 197 10 819.9 (32) **15 Mar/mar 1997 (15.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01M 8/04**

(54) ● FUEL CELL WITH PULSED ANODE POTENTIAL
● PILE A COMBUSTIBLE A POTENTIEL ANODIQUE PULSE

(71, 72) **STIMMING, Ulrich** [DE/DE]; Hessesstrasse 72, D-80798 München (DE).

(72) **FRIEDRICH, Kaspar, Andreas**; Effnerstrasse 70, D-81925 München (DE). **UNKAUF, Wolfgang**; Am Schidberg 8, D-65232 Taunusstein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42039** (13) A1

(21) PCT/JP97/00839

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01M 10/39**

(54) ● SODIUM-SULFUR CELL
● ACCUMULATEUR SODIUM-SOUFRE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Yoshimi** [JP/JP]; 29-11, Hanayamacho 1-chome, Hitachi-shi, Ibaraki 316 (JP). **USAMI, Saburo** [JP/JP]; 10-27, Kokubuchou 3-chome, Hitachi-shi, Ibaraki 316 (JP). **MIYOSHI, Tadahiko** [JP/JP]; 26-9, Mikanoharacho 2-chome, Hitachi-shi, Ibaraki 316 (JP). **HATO, Hisamitsu** [JP/JP]; 5-2, Nishinarusawacho 1-chome, Hitachi-shi, Ibaraki 316 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42040** (13) A1

(21) PCT/US98/05353

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/821,246 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01P 1/205, 1/213**

(54) ● CAVITY RESONATOR STRUCTURE HAVING IMPROVED CAVITY ARRANGEMENT
● STRUCTURE DE CAVITES RESONANTES COMPORTANT UNE DISPOSITION DE CAVITES AMELIOREE

(71) **ADC SOLITRA, INC.** [US/US]; 1065 Fifth Avenue S.E., P.O. Box 157, Hutchinson, MN 55350 (US).

(72) **RAVASKA, Lasse, Beli**; 19315 Judson Road, Hutchinson, MN 55350 (US). **KYLLONEN, Kimmo, Antero**; Apartment 101, 210 Echo Circle, Hutchinson, MN 55350 (US). **HUANG, Guanghua**; Apartment 202, 815 School Road, Hutchinson, MN 55350 (US). **HILL, Lenny, Russell**; 338 Lake Street S.W., Hutchinson, MN 55350 (US).

(74) **BRUESS, Steven, C**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42041** (13) A1

(21) PCT/JP97/00861

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01Q 3/44**

(54) ● VARIABLE DIRECTIVITY ANTENNA AND METHOD OF CONTROLLING VARIABLE DIRECTIVITY ANTENNA
● ANTENNE A DIRECTIVITE VARIABLE ET SON PROCEDE DE COMMANDE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SADAIHIRO, Keichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **MIYATA, Kaneo et al.** / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) AU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42042** (13) A1

(21) PCT/FR98/00535

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) fr (26) fr

(31) 97/03250 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01Q 21/06, 11/08, 3/30**

(54) ● ANTENNA FOR ORBITING SATELLITE
● ANTENNE POUR SATELLITE A DEFILEMENT

(71) **CENTRE NATIONAL D'ETUDES SPATIALES** [FR/FR]; 2, place Maurice Quentin, F-75001 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIEZ, Hubert** [FR/FR]; 8, rue du Bocage, F-31490 Leguevin (FR).

(74) **MARTIN, Jean-Jacques et al.** / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42043** (13) A1

(21) PCT/GB98/00631

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9705277.3 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 9/09**

(54) ● IMPROVEMENTS RELATING TO PRINTED CIRCUIT BOARD PIN LOCATION

● PERFECTIONNEMENTS RELATIFS AU POSITIONNEMENT DE BROCHES DE CARTES A CIRCUITS IMPRIMES

(71) **KAM CIRCUITS LIMITED** [GB/GB]; Station Road, Calne, Wiltshire SN11 0JT (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **DIAS, Damacian, Francis, Hubert** [GB/GB]; 11 Milford Way, Chippenham, Wiltshire SN15 3YD (GB).(74) **JAMES, Michael, John, Gwynne** et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42044** (13) A1

(21) PCT/JP98/01140

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) ja (26) ja

(31) 9/64483 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 9/09, 23/68**

(54) ● CONNECTOR

● CONNECTEUR

(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP). **JAE YAMAGATA, LTD.** [JP/JP]; 4102-6, Aza-Takadaishinden, Oaza-Izumita, Shinjo-shi, Yamagata 999-5103 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NAGAHATA, Takaya** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP). **KISHIMOTO, Tokihiko** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP). **WADA, Koichi** [JP/JP]; JAE Yamagata Ltd., 4102-6, Aza-Takadaishinden, Oaza-Izumita, Shinjo-shi, Yamagata 999-5103 (JP). **SUZUKI, Shigemitsu** [JP/JP]; JAE Yamagata Ltd., 4102-6, Aza-Takadaishinden, Oaza-Izumita, Shinjo-shi, Yamagata 999-5103 (JP).(74) **YOSHIDA, Minoru** et al. / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42045** (13) A1

(21) PCT/EP98/01396

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) de (26) de

(31) 197 10 768.0 (32) **16 Mar/mar 1997 (16.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 9/26, 13/506**(54) ● ELECTRICAL OR ELECTRONIC APPARATUS
● APPAREIL ELECTRIQUE OU ELECTRONIQUE(71) **PHOENIX CONTACT GMBH & CO. KG** [DE/DE]; Flachsmarktstrasse 8-28, D-32825 Blomberg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **FEYE-HOHMANN, Jürgen** [DE/DE]; Behringstrasse 11, D-32756 Detmold (DE). **FOLLMANN, Hartmut** [DE/DE]; Hagen 2, D-32699 Extertal (DE). **REIBKE, Heinz** [DE/DE]; Elkenbreder Weg 85, D-32105 Bad Salzuflen (DE).(74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Postfach 10 13 54, D-45013 Essen (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42046** (13) A1

(21) PCT/EP98/01515

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) de (26) de

(31) 297 04 689.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 13/506, 13/424, 13/645**

(54) ● CONTACT CARRIER

● PORTE-CONTACT

(71) **CONTACT GMBH ELEKTRISCHE BAUELEMENTE** [DE/DE]; Gewerbestrasse 30, D-70565 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **PFEIFFER, Wolfgang** [DE/DE]; Hofstrasse 43, D-74653 Künzelsau (DE).(74) **VON HELLFELD, Axel**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42047** (13) A1

(21) PCT/US97/12913

(22) **23 Jul/juil 1997 (23.07.1997)**

(25) en (26) en

(31) 08/821,974 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 13/53, H02G 15/04**(54) ● EXTERNAL GROUND ISOLATION CONNECTOR FOR CABLE SPLICE CLOSURES
● CONNECTEUR EXTERNE ISOLANT POUR MISE A LA TERRE DE GAINES D'EPISSURE DE CABLE(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(72) **REBERS, Kenneth, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(74) **MCFARREN, John, C.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42048** (13) A1

(21) PCT/US98/05165

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,218 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 13/58**(54) ● CONNECTOR WITH INTEGRAL CABLE CLAMP
● CONNECTEUR AVEC SERRE-CABLE INCORPORE(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).(72) **KOEGEL, Keith, S.**; 125 Pine Lane, Plainfield, PA 17081 (US). **GUYER, Kenneth, W.**; R.D. 1, Box 66, Thompsontown, PA 17094 (US).(74) **NESS, Anton, P.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42049** (13) A1

(21) PCT/US98/04093

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 9/83303 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H01R 33/46**

(54) ● LAMP SOCKET

● SOCLE D'AMPOULE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CHEN, Ping** [CN/JP]; 40A, Palunasu Yomogidai, 2-917, Yomogidai, Meito-ku, Nagoya, Aichi 465 (JP). **MIYAKE, Kimihiro** [JP/JP]; 9-88, Hagiymadai, Seto, Aichi 489 (JP).(74) **VAN ATTEN, Mary, K.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42050** (13) A1
 (21) PCT/US98/04926
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en
 (31) 08/819,950 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01S 3/06, B23K 26/06, H01S 3/00**
 (54) ● PULSED SEMICONDUCTOR LASER HIGH POWER AMPLIFIER SYSTEM AND EXEMPLARY APPLICATIONS
 ● SYSTEME AMPLIFICATEUR A HAUTE PUISSANCE A LASER PULSE A SEMI-CONDUCTEUR ET APPLICATIONS CORRESPONDANTES
 (71) **SDL, INC.** [US/US]; 80 Rose Orchard Way, San Jose, CA 95134-1365 (US).
 (72) **GRUBB, Stephen, G.**; 5372 Racegate Run, Columbia, MD 21045 (US). **WELCH, David, F.**; 1894 Oak Knoll Lane, Menlo Park, CA 94025 (US). **ZANONI, Raymond**; 38793 Fenton Way, Fremont, CA 94593 (US).
 (74) **CAROTHERS, W., Douglas, Jr.**; Counsel, Intellectual Property, SDL, Inc., 80 Rose Orchard Way, San Jose, CA 95134-1365 (US).
 (81) JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42051** (13) A1
 (21) PCT/SE98/00416
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) en (26) en
 (31) 9700931-0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H01S 3/19, H01L 33/00**
 (54) ● LATERAL CONFINEMENT LASER
 ● LASER A CONFINEMENT LATERAL
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
 (72) **STOLTZ, Björn**; Birger Jarlsgatan 102 A, S-114 20 Stockholm (SE). **ÖHLANDER, Ulf**; Pilgatan 11, S-112 23 Stockholm (SE).
 (74) **JOHANSSON, Lars, E.** et al. / etc.; Albihs Patentbyrå Stockholm AB, P.O. Box 3137, S-103 63 Stockholm (SE).
 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42052** (13) A1
 (21) PCT/FR98/00519
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) fr (26) fr
 (31) 97/03372 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FR
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H02G 3/04, F16L 11/118, 9/133**
 (54) ● ELONGATED TUBULAR PRODUCT, SUCH AS IN PARTICULAR AN INSTALLATION CONDUIT
 ● PRODUIT TUBULAIRE ALLONGE, NOTAMMENT DU TYPE CONDUIT D'INSTALLATION
 (71) **NOVOPLASTIC** [FR/FR]; 23, avenue de l'Industrie, F-01200 Bellegarde sur Valserine (FR). **NOVOTECH** [FR/FR]; 23, rue de l'Industrie, F-01200 Bellegarde sur Valserine (FR).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BLANC, Christian** [FR/FR]; 11, route d'Ochiaz, F-01200 Bellegarde sur Valserine (FR). **PIRONY, Eric** [FR/FR]; Bosseland, F-01320 Chatenay (FR). **TRICHARD, Claude** [FR/FR]; Hédecourt, 10, rue de Calmont, F-60480 Saint-André Farivillers (FR).
 (74) **CABINET GERMAIN & MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).
 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42053** (13) A1
 (21) PCT/SE98/00391
 (22) **5 Mar/mar 1998 (05.03.1998)**
 (25) en (26) en
 (31) 9700919-5 (32) **14 Mar/mar 1997 (14.03.1997)** (33) SE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H02G 11/00**
 (54) ● CABLE PROTECTOR
 ● PROTECTION POUR CABLE
 (71) **BOFORS UNDERWATER SYSTEMS AB** [SE/SE]; Sutec, P.O. Box 7073, S-580 07 Linköping (SE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WIGH, Anders** [SE/SE]; Rådjursvägen 27, S-587 31 Linköping (SE). **FALK, Mathias** [SE/SE]; Platensgatan 3, S-582 20 Linköping (SE). **SIESJÖ, Jan** [SE/SE]; Åbylundsgatan 66, S-582 36 Linköping (SE).
 (74) **FALK, Bengt**; Bofors AB, Patents and Trademarks, S-691 80 Karlskoga (SE).
 (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42054** (13) A1
 (21) PCT/GB98/00810
 (22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en
 (31) 9705695.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H02G 15/18, 1/14, B29C 61/06**
 (54) ● RECOVERABLE ARTICLE
 ● ARTICLE POUVANT REPREDRE SA FORME
 (71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IONS, David** [GB/GB]; 1 Cocks Road, Shrivenham, Wiltshire SN6 8EL (GB). **WINFIELD, Philip, Roland** [GB/GB]; Churchfield House, Lutton, Swindon, Wiltshire (GB). **TOERRINGER, Josef** [DE/DE]; Sonnendorf 4, D-83128 Halfing (DE). **GANSBUEHLER, George** [GB/GB]; 4 Harptree Close, Nine Elms, Shaw, Swindon, Wiltshire SN5 9UN (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Swindon, Wiltshire SN3 5DT (GB). **COSTIGAN, Philip** [GB/GB]; 41 Ravenscroft, Covingham, Swindon, Wiltshire SN3 5AE (GB).
 (74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
 (81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42055** (13) A1
 (21) PCT/GB98/00811
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 9705696.4 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H02G 15/18, 1/14, B29C 61/06**
 (54) ● RECOVERABLE ARTICLE
 ● ARTICLE POUVANT REPREDRE SA FORME
 (71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IONS, David** [GB/GB]; 1 Cocks Road, Shrivenham, Wiltshire SN6 8EL (GB). **WINFIELD, Philip, Roland** [GB/GB]; Churchfield House, Lutton, Swindon, Wiltshire (GB). **TOERRINGER, Josef** [DE/DE]; Sonnendorf 4, D-83128 Halfing (DE). **GANSBUEHLER, George** [GB/GB]; 4 Harptree Close, Nine Elms, Shaw, Swindon, Wiltshire SN5 9UN (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Swindon, Wiltshire SN3 5DT (GB).
 (74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
 (81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42056** (13) A1
 (21) PCT/GB98/00822
 (22) **18 Mar/mar 1998 (18.03.1998)**
 (25) en (26) en
 (31) 9705697.2 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02G 15/18, 1/14, B29C 61/06**

(54) ● RECOVERABLE ARTICLE

- ARTICLE POUVANT REPREDRE SA FORME

(71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IONS, David** [GB/GB]; 1 Coxes Road, Shri-venham, Wiltshire SN6 8EL (GB). **WINFIELD, Philip, Roland** [GB/GB]; Churchfield House, Latton, Swindon, Wiltshire SN6 6DS (GB). **TOERRINGER, Josef** [DE/DE]; Sonnendorf 4, D-83128 Halfing (DE). **GANSBUEHLER, George** [GB/GB]; 4 Harptree Close, Nine Elms, Shaw, Swindon, Wiltshire SN5 9UN (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Swindon, Wiltshire SN3 5DT (GB). **COSTIGAN, Philip** [GB/GB]; 41 Ravenscroft, Covingham, Swindon, Wiltshire SN3 5AE (GB).

(74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42057** (13) A1

(21) PCT/GB98/00823

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705698.0 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02G 15/18, B29C 61/06**

(54) ● RECOVERABLE ARTICLE

- ARTICLE POUVANT REPREDRE SA FORME

(71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IONS, David** [GB/GB]; 1 Coxes Road, Shri-venham, Wiltshire SN6 8EL (GB). **WINFIELD, Philip, Roland** [GB/GB]; Churchfield House, Latton, Swindon, Wiltshire SN6 6DS (GB). **TOERRINGER, Josef** [DE/DE]; Sonnendorf 4, D-83128 Halfing (DE). **GANSBUEHLER, George** [GB/GB]; 4 Harptree Close, Nine Elms, Shaw, Swindon, Wiltshire SN5 9UN (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Swindon, Wiltshire SN3 5DT (GB). **COSTIGAN, Philip** [GB/GB]; 41 Ravenscroft, Covingham, Swindon, Wiltshire SN3 5AE (GB).

(74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42058** (13) A1

(21) PCT/GB98/00824

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 9705692.3 (32) **19 Mar/mar 1997 (19.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02G 15/18, 1/14, B29C 61/06**

(54) ● RECOVERABLE ARTICLE

- ARTICLE POUVANT REPREDRE SA FORME

(71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IONS, David** [GB/GB]; 1 Coxes Road, Shri-venham, Wiltshire SN6 8EL (GB). **WINFIELD, Philip, Roland** [GB/GB]; Churchfield House, Latton, Swindon, Wiltshire SN6 6DS (GB). **TOERRINGER, Josef** [DE/DE]; Sonnendorf 4, D-83128 Halfing (DE). **GANSBUEHLER, George** [GB/GB]; 4 Harptree Close, Nine Elms, Shaw, Swindon, Wiltshire SN5 9UN (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Swindon, Wiltshire SN3 5DT (GB). **COSTIGAN, Philip** [GB/GB]; 41 Ravenscroft, Covingham, Swindon, Wiltshire SN3 5AE (GB).

(74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42059** (13) A1

(21) PCT/US98/05137

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,188 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02G 15/18, B29C 61/06**

(54) ● RECOVERABLE ARTICLE

- ARTICLE EXTENSIBLE RETROUVANT SA FORME

(71) **RAYCHEM CORPORATION** [US/US]; 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025 (US).

(72) **BORGSTROM, Alan, D.**; 1 Pohatcong Drive, Hackettstown, NJ 07840 (US).

(74) **CHAO, Yuan** et al. / etc.; Raychem Corporation, Intellectual Property Law Dept., 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025 (US).

(81) AU BR CA CN CZ HU IL JP KR MX NO PL RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42060** (13) A2

(21) PCT/KR98/00055

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 1997/9578 (32) **20 Mar/mar 1997 (20.03.1997)** (33) KR(31) 1997/63880 (32) **22 Nov/nov 1997 (22.11.1997)** (33) KR(31) 1998/9210 (32) **18 Mar/mar 1998 (18.03.1998)** (33) KR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02J**

(54) ● BATTERY SELF-CHARGER INTEGRATED IN BATTERY PACK FOR A PORTABLE TELEPHONE SET

- CHARGEUR AUTOMATIQUE DE BATTERIE INTEGRE A UN BLOC-BATTERIE POUR APPAREIL TELEPHONIQUE PORTABLE

(71, 72) **YOO, Seung, An** [KR/KR]; Ka-302, 947-14, Shinwol-dong, Yangcheon-gu, Seoul 158-090 (KR).

(74) **KIM, Jong, Su**; Dasung Building, Suite 201, 735-34, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AU BR CA CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42061** (13) A1

(21) PCT/US98/04107

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/819,433 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02K 3/51, F16B 21/18**

(54) ● A GENERATOR ROTOR WITH RING KEY THAT REDUCES TOOTH TOP STRESS

- ROTOR DE GENERATEUR AVEC CLAVETTE DE BAGUE PERMETTANT DE REDUIRE LES CONTRAINTES SUR LES PARTIES SUPERIEURES DES DENTS

(71) **CBS CORPORATION** [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(72) **MURPHY, Robert, L.**; 105 Shellie Court, Longwood, FL 32779 (US).

(74) **LENART, Robert, P.** et al. / etc.; CBS Corporation, Law Dept., 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(81) CN DE GB JP KR MX PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42062** (13) A1

(21) PCT/US98/04053

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/819,432 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02K 5/22, H01R 4/48**

(54) ● ELECTRICAL LEAD BUSHING FOR A TURBINE GENERATOR

- TRAVERSEE ISOLEE DE SORTIE ELECTRIQUE DESTINEE A ETRE UTILISEE SUR UN TURBOGENERATEUR

(71) **CBS CORPORATION** [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(72) **ROSS, Christopher, Woodrow**; P.O. Box 1614, Goldenrod, FL 32733 (US).

(74) **LENART, Robert, P.** et al. / etc.; CBS Corporation, Law Dept., 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

(81) JP PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42063** (13) A1
 (21) PCT/US97/04197
 (22) **19 Mar/mar 1997 (19.03.1997)**
 (25) en (26) en
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02K 7/00, 11/00, 21/12, 1/00, 1/10, G11B 5/55**
- (54) ● DC MOTOR ACTUATOR TO CREATE RADIAL FORCE
 ● MOTEUR A COURANT CONTINU PRODUI-SANT UNE FORCE RADIALE
- (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; Building 15, 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINE, Gunter, K.** [DE/US]; 143 Driftwood Court, Aptos, CA 95003 (US). **LEUTHOLD, Hans** [CH/US]; 849 Gharkey Street, Santa Cruz, CA 95060 (US). **FLEURY, Christian** [CH/US]; Au Trocher 79, CH-2842 Rossemaison (CH).
- (74) **SHERIDAN, James, A.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) DE GB JP KR SG US.
-
- (11) **WO 98/42064** (13) A1
 (21) PCT/US98/05241
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 821,143 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02K 9/19, 5/12**
- (54) ● METHOD AND APPARATUS FOR REDUCING WINDAGE LOSSES IN ROTATING EQUIPMENT AND ELECTRIC MOTOR/GENERATOR EMPLOYING SAME
 ● PROCEDE ET APPAREIL DE REDUCTION DE PERTES PAR VENTILATION DANS UN EQUIPEMENT ROTATIF ET MOTEUR/GENERATEUR ELECTRIQUE UTILISANT CET APPAREIL
- (71) **SUNDSTRAND CORPORATION** [US/US]; 4949 Harrison Avenue, P.O. Box 7003, Rockford, IL 61125-7003 (US).
- (72) **NIGGEMANN, Richard, E.**; 912 St. Andrews Way, Rockford, IL 61107 (US). **THOMSON, Scott, M.**; 3561 Applewood Lane, Rockford, IL 61114 (US). **SCHNEIDER, Michael, G.**; 6161 Cathedral Court, Rockford, IL 61109 (US).
- (74) **WINGATE, Kevin, L.**; 4949 Harrison Avenue, P.O. Box 7003, Rockford, IL 61125-7003 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/42065** (13) A1
 (21) PCT/EP98/01578
 (22) **12 Mar/mar 1998 (12.03.1998)**
 (25) en (26) en
 (31) MI97A000583 (32) **14 Mar/mar 1997 (33) IT (14.03.1997)**
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02M 3/28**
- (54) ● HIGH POWER DC/DC CONVERTER
 ● CONVERTISSEUR CONTINU-CONTINU A FORTE PUISSANCE
- (71) **ITALTEL S.P.A.** [IT/IT]; Piazzale Zavattari, 12, I-20149 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PRESTIFILIPPO, Paolo** [IT/IT]; Via Sampolo, 47, I-90143 Palermo (IT). **BAG-GIONE, Giovanni** [IT/IT]; Via G.le A. Albricci, 1, I-90100 Palermo (IT). **SCIBILIA, Roberto** [IT/IT]; Via Monte Grappa, 88, I-91011 Alcamo (IT).
- (74) **GIUSTINI, Delio**; Italtel S.p.A., Cascina Castelletto, I-20019 Settimo Milanese (IT).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/42066** (13) A1
 (21) PCT/US98/05425
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 08/822,372 (32) **20 Mar/mar 1997 (33) US (20.03.1997)**
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02M 7/521, 7/515, 7/5387, 1/12, H05K 7/20**
- (54) ● HIGH POWER INVERTER POLE EMPLOYING SERIES CONNECTED DEVICES CONFIGURED FOR REDUCED STRAY LOOP INDUCTANCE
 ● POLE D'ONDULEUR HAUTE PUISSANCE FAISANT APPEL A DES DISPOSITIFS CONNECTES EN SERIE ET CONFIGURES POUR UNE INDUCTANCE DE BOUCLE PARASITE REDUITE
- (71) **ELECTRIC POWER RESEARCH INSTITUTE, INC.** [US/US]; 3412 Hillview Avenue, Palo Alto, CA 94303 (US).
- (72) **STACEY, Eric, John**; 401 Bryant Drive, Pittsburgh, PA 15235 (US). **BETTENCOURT, George, Studley**; 4126 Dundee Drive, Murrysville, PA 15668 (US).
- (74) **WESTERHOFF, Richard, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/42067** (13) A1
 (21) PCT/JP97/00909
 (22) **19 Mar/mar 1997 (19.03.1997)**
 (25) ja (26) ja
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02M 7/537, 7/5387, H02P 7/63**
- (54) ● POWER CONVERTER, AC MOTOR CONTROLLER AND THEIR CONTROL METHOD
 ● CONVERTISSEUR ELECTRIQUE, UNITE DE COMMANDE DE MOTEUR A COURANT ALTERNATIF ET LEUR PROCEDE DE COMMANDE
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHASHI, Hironori** [JP/JP]; 39-6-303, Narashinodai 5-chome, Funabashi-shi, Chiba 274 (JP). **TAKASE, Makoto** [JP/JP]; 39-6-404, Narashinodai 5-chome, Funabashi-shi, Chiba 274 (JP). **TOMITA, Hiroyuki** [JP/JP]; 1-1-304, Narashinodai 8-chome, Funabashi-shi, Chiba 274 (JP). **ISHIDA, Seiji** [JP/JP]; 39-6-103, Narashinodai 5-chome, Funabashi-shi, Chiba 274 (JP). **SUGIURA, Masaki** [JP/JP]; 38-25, Narashinodai 5-chome, Funabashi-shi, Chiba 274 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42068** (13) A1
 (21) PCT/JP97/00863
 (22) **18 Mar/mar 1997 (18.03.1997)**
 (25) ja (26) ja
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02M 7/5387, 1/08**
- (54) ● POWER CONVERTER
 ● CONVERTISSEUR DE COURANT
- (71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AZUMA, Satoshi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **NISHIHIRO, Akinori** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **DAIJO, Masakatu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **KURIYAMA, Shigemi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **ANDO, Taro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) DE GB JP KR US.
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- (11) **WO 98/42069** (13) A1
 (21) PCT/EP98/01509
 (22) **16 Mar/mar 1998 (16.03.1998)**
 (25) en (26) en
 (31) TO97A000225 (32) **18 Mar/mar 1997 (33) IT (18.03.1997)**
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H02P 9/10, 9/30, H02J 7/14, 7/24**
- (54) ● A VOLTAGE REGULATOR FOR ALTERNATORS, PARTICULARLY FOR MOTOR VEHICLES
 ● REGULATEUR DE TENSION POUR DES ALTERNATEURS, EN PARTICULIER, POUR DES VEHICULES A MOTEUR
- (71) **MAGNETI MARELLI S.P.A.** [IT/IT]; Via Gri-zioti, 4, I-20145 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALUSSOLIA, Pier, Luigi** [IT/IT]; Via Borgo d'Ale, 2, I-13040 Alice Castello (IT). **ORLANDI, Giancarlo** [IT/IT]; Via Costantino Nigra, 32, I-10081 Castellamonte (IT). **QUADRELLI, Claudio** [IT/IT]; Via Tripoli, 62, I-10136 Torino (IT).

(74) **QUINTERNO, Giuseppe**; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

(81) BR CN PL TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42070** (13) A1

(21) PCT/JP97/00917

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H02P 21/00**

(54) ● APPARATUS AND METHOD FOR CONTROLLING INDUCTION MOTOR
● APPAREIL ET PROCEDE DE COMMANDE DE MOTEUR A INDUCTION

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDO, Takeshi** [JP/JP]; Room 12-208, Tsukubadai AP, 663, Ichige, Hitachinaka-shi, Ibaraki 312 (JP). **TANAMACHI, Tokunosuke** [JP/JP]; 3600-455, Nakane, Hitachinaka-shi, Ibaraki 312 (JP). **TOYOTA, Eiichi** [JP/JP]; 1432-5, Tabiko, Hitachinaka-shi, Ibaraki 312 (JP). **NAKATA, Kiyoshi** [JP/JP]; 626-4, Kuwada, Iwase-machi, Nishiibaraki-gun, Ibaraki 309-12 (JP). **SUZUKI, Masato** [JP/JP]; 1800-149, Hirano, Urizura-machi, Naka-gun, Ibaraki 319-21 (JP). **YASUDA, Kouji** [JP/JP]; Room 416, Eagle Aoba, 10-1, Aobacho, Hitachinaka-shi, Ibaraki 312 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) AU CN JP KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42071** (13) A1

(21) PCT/EP98/01425

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9705581.8 (32) **18 Mar/mar 1997 (18.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03D 3/00**

(54) ● RADIO RECEIVER
● RECEPTEUR RADIO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **GUSTAFSSON, Kjell**; Borgåsslingan 2, S-224 72 Lund (SE). **ATARIUS, Roozbeh**; Musikantvägen 8B, S-224 68 Lund (SE).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

Published / Publiée : (c)

(11) **WO 98/42072** (13) A1

(21) PCT/US98/04105

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/821,405 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03F 3/45**

(54) ● RAIL-TO-RAIL OPERATIONAL AMPLIFIER
● AMPLIFICATEUR OPERATIONNEL RAIL-A-RAIL

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US).

(72) **SCHAFFER, Gregory, L.**; 10910 Byerly Court, Cupertino, CA 95014 (US).

(74) **PENILLA, Albert, S.**; Hickman & Martine, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42073** (13) A1

(21) PCT/DE97/02687

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 197 10 576.9 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03K 5/08, 3/0233**

(54) ● CONVERSION OF A USEFUL SIGNAL INTO A RECTANGULAR SIGNAL
● CONVERSION D'UN SIGNAL UTILE EN UN SIGNAL RECTANGULAIRE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHER, Werner** [DE/DE]; Dickenbergstrasse 9/1, D-71296 Heimsheim (DE). **GROSSHANS, Peter** [DE/DE]; Steinbeisstrasse 6, D-73269 Hochdorf (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42074** (13) A1

(21) PCT/DE98/00712

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) de (26) de

(31) 197 10 558.0 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03K 9/08**

(54) ● EVALUATION OF A PULSE-WIDTH MODULATION SIGNAL

● EVALUATION D'UN SIGNAL A MODULATION D'IMPULSION EN LARGEUR

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURSAWE, Frank** [DE/JP]; 1-1-9 Tajino, Tomioka-shi 370-23 (JP). **PISOT, Michael** [DE/DE]; Dresdener Strasse 40/1, D-74912 Kirchardt (DE).

(81) JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42075** (13) A1

(21) PCT/US98/05382

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/820,928 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03K 19/0944, 19/0952**

(54) ● FREE INVERTER CIRCUIT
● CIRCUIT INVERSEUR LIBRE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **FULKERSON, David, E.**; 16500 Eagle Ridge Drive, Minnetonka, MN 55345 (US).

(74) **BRUNS, Gregory, A.**; Honeywell Inc., Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42076** (13) A2

(21) PCT/IB98/00255

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 97200821.3 (32) **18 Mar/mar 1997 (18.03.1997)** (33) EP

(34) NL et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03L 7/16**

(54) ● RECEIVER TUNING SYSTEM
● SYSTEME D'ACCORD DE RECEPTEUR

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **KASPERKOVITZ, Wolfdietrich, Georg**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAUCHER, Cicero, Silveira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42077** (13) A1

(21) PCT/JP98/00053

(22) **9 Jan/jan 1998 (09.01.1998)**

(25) ja (26) ja

(31) 9/84483 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H03M 1/10**

(54) ● DISTORTION DETECTING DEVICE, DISTORTION CORRECTING DEVICE, AND DISTORTION CORRECTING METHOD FOR DIGITAL AUDIO SIGNAL

● DETECTEUR DE DISTORSION, CORRECTEUR DE DISTORSION, ET PROCÉDE DE CORRECTION DE DISTORSION POUR SIGNAL AUDIO NUMÉRIQUE

(71) **NIPPON COLUMBIA CO., LTD.** [JP/JP]; 14-14, Akasaka 4-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKAMOTO, Masaki** [JP/JP]; 305, Toei-Nozakiyoshinohigashi-apart., 11-15, Nozaki 1-chome, Mitaka-shi, Tokyo 181 (JP).

(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(11) **WO 98/42078** (13) A2

(21) PCT/DE98/00652

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) de (26) de

(31) 197 10 748.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B**

(54) ● PERSONAL INFORMATION SYSTEM AND TRANSMISSION METHOD

● SYSTEME D'INFORMATION DE PERSONNE ET PROCÉDE DE TRANSMISSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TASTO, Manfred** [DE/DE]; Brandströmstrasse 86, D-46397 Bocholt (DE).

(81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42079** (13) A2

(21) PCT/US98/04677

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/820,786 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B**

(54) ● A METHOD OF CHIP INTERLEAVING IN DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATIONS

● PROCÉDE D'ENTRELAÇEMENT DE PUCES DANS LES COMMUNICATIONS AVEC ÉTALLEMENT DU SPECTRE EN SEQUENCE DIRECTE

(71) **I.C. COM LTD.** [IL/IL]; Hashikma 3, 58001 Azor (IL).

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

(71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi, 43406 Raanana (IL).

(only for / seulement pour TJ)

(72, 75) **MOLEV-SHTEIMAN, Arkady** [IL/IL]; Abba Hillel Silver 57A/4, 52532 Ramat Gan (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (IL).

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

(11) **WO 98/42080** (13) A1

(21) PCT/SE98/00484

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,937 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 1/04, H03F 3/21, H04J 3/02**

(54) ● POWER INTERFACE CIRCUIT FOR A TDMA TRANSMITTER

● CIRCUIT D'INTERFACE DE PUISSANCE POUR UN ÉMETTEUR AMRT

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **BRANDT, Per-Olof, Magnus**; Trollebergs gård, S-245 61 Staffanstorp (SE).

(74) **DAHNER, Christer**; Ericsson Mobile Communications AB, Patent Unit, S-164 80 Stockholm (SE).

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

Published / Publiée : (c)

(11) **WO 98/42081** (13) A1

(21) PCT/US98/04733

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/818,284 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 1/10**

(54) ● METHOD AND APPARATUS FOR COMPENSATING FOR CLICK NOISE IN AN FM RECEIVER

● PROCÉDE ET APPAREIL DE COMPENSATION DU BRUIT DE CLIC DANS UN RECEPTEUR FM

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle, NC 27709 (US).

(72) **HARTLESS, Mac, L.**; 301 Swan Lane, Forest, VA 24551 (US). **BROWN, David, W.**; Route 1, Box 141B, Concord, VA 24538 (US). **CULLEN, David, P.**; 227B McCanville Road, Lynchburg, VA 24502 (US). **HUGHES, John, V.**; Apartment 5, 11 Chateau Road, Carbondale, IL 62901 (US). **ROYSTER, Darryl, W.**; 304 Buckingham Drive, Lynchburg, VA 24502 (US).

(74) **LASTOVA, John, R.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201-4714 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42082** (13) A2

(21) PCT/FI98/00225

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fi (26) en

(31) 971121 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 1/62**

(54) ● METHOD AND ARRANGEMENT FOR FORMING AN ADDRESS

● PROCÉDE ET DISPOSITIF DE FORMATION D'ADRESSE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAPIO, Olli** [FI/FI]; Kumputie 33 as. 8, FIN-90940 Jääli (FI).

(74) **PATENTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/42083** (13) A1

(21) PCT/FI98/00146

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) 971108 (32) **14 Mar/mar 1997 (14.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 1/66, G10L 19/14**

- (54) ● AUDIO CODING METHOD AND APPARATUS
● APPAREIL ET PROCEDE DE CODAGE AUDIO

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YIN, Lin** [CN/US]; 440 Dixon Landing Road No. A105, Milpitas, CA 95035 (US).

(74) **JOHANSSON, Folke**; Nokia Mobile Phones Ltd., P.O. Box 100, FIN-00045 Nokia Group (FI).

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

Published / Publiée : (c)

(11) **WO 98/42084** (13) A1

(21) PCT/US98/05372

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,934 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 3/23, H04Q 7/20**

- (54) ● MULTI-INPUT WIRELESS PHONE WITH ECHO SUPPRESSION
● TELEPHONE SANS FIL A ENTREES MULTIPLES COMPORTANT UNE SUPPRESSION D'ECHOS

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **SIH, Gilbert, C.**; 7804 Pipit Place, San Diego, CA 92129 (US). **GUPTA, Samir, Kumar**; 3717 Nobel Drive #1340, San Diego, CA 92122 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42085** (13) A2

(21) PCT/FI98/00226

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) fi (26) en

(31) 971120 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 7/10**

- (54) ● TRANSMISSION METHOD AND RADIO SYSTEM

- PROCEDE D'EMISSION ET SYSTEME RADIO

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLMA, Harri** [FI/FI]; Itätulenkuja 1 B 32, FIN-02100 Espoo (FI). **HÄKKINEN, Hannu** [FI/FI]; Vuokselantie 10 B, FIN-02140 Espoo (FI).

(74) **PATENTTIHOIMISTO TEKNOPOOLS KOLSTER OY**; c/o Kolster Oy AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/42086** (13) A2

(21) PCT/DE98/00701

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 10 748.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE(31) 197 43 327.8 (32) **30 Sep/sep 1997 (30.09.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 7/26**

- (54) ● METHOD FOR TRANSMITTING INFORMATION TO A MOBILE PART OF A CELLULAR MOBILE RADIOTELEPHONE SYSTEM AND A CELLULAR MOBILE RADIOTELEPHONE SYSTEM

- PROCEDE DE TRANSMISSION D'INFORMATIONS A UNE PARTIE MOBILE D'UN SYSTEME RADIOTELEPHONIQUE MOBILE CELLULAIRE, ET SYSTEME RADIOTELEPHONIQUE MOBILE CELLULAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TASTO, Manfred** [DE/DE]; Brandströmstrasse 86, D-46397 Bocholt (DE).

(81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42087** (13) A2

(21) PCT/DE98/00704

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 197 10 748.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE(31) 197 42 356.6 (32) **25 Sep/sep 1997 (25.09.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 7/26**

- (54) ● METHOD FOR TRANSMITTING INFORMATION TO A MOBILE PART OF A SATELLITE TELECOMMUNICATIONS SYSTEM

- PROCEDE DE TRANSMISSION D'INFORMATIONS A UNE PARTIE MOBILE D'UN SYSTEME DE TELECOMMUNICATION PAR SATELLITE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **TASTO, Manfred** [DE/DE]; Brandströmstrasse 86, D-46397 Bocholt (DE).

(81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42088** (13) A1

(21) PCT/US98/04974

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/819,118 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 10/17, H01S 3/06**

- (54) ● MULTIPLE STAGE OPTICAL FIBER AMPLIFIER
● AMPLIFICATEUR A FIBRE OPTIQUE A ETAGES MULTIPLES

(71) **SDL, INC.** [US/US]; 80 Rose Orchard Way, San Jose, CA 95134-1365 (US).

(72) **GRUBB, Stephen, G.**; 5372 Racegate Run, Columbia, MD 21045 (US).

(74) **CAROTHERS, W., Douglas, Jr.**; SDL, Inc., 80 Rose Orchard Way, San Jose, CA 95134-1365 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42089** (13) A2

(21) PCT/US98/03634

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) en (26) en

(31) 60/040,453 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04B 72/12, 70/05**

- (54) ● SPATIAL-TEMPORAL EQUALIZATION FOR IS-136 TDMA SYSTEMS WITH RAPID DISPERSIVE FADING AND CO-CHANNEL INTERFERENCE

- EGALISATION SPATIO-TEMPORELLE POUR SYSTEMES AMRT IS-136 A EVANOUISSEMENT DISPERSIF RAPIDE ET BROUILLAGE DANS UN MEME CANAL

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **LI, Yi**; 78 Thousand Oak Drive, Atlantic Highlands, NJ 07716 (US). **MARTIN, Carol, Catalano**; 12 Pine Cove Road, Fair Haven, NJ 07704 (US). **SOLLENBERGER, Nelson, Ray**; 22 Green Meadow Drive, Tinton Falls, NJ 07724 (US). **WINTERS, Jack, Harriman**; 1804 Knollwood Drive, Middletown, NJ 07748 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42090** (13) A1

(21) PCT/DE98/00735

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) de (26) de

(31) 197 10 748.6 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DE

(31) 197 42 356.6 (32) **25 Sep/sep 1997 (25.09.1997)** (33) DE

(31) 197 43 327.8 (32) **30 Sep/sep 1997 (30.09.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04H 1/00**

(54) ● METHOD FOR TRANSMITTING INFORMATION TO A MOBILE RECEIVER SUCH AS A PAGER, USING RADIO TRANSMITTERS

● PROCÉDE POUR TRANSMETTRE DES INFORMATIONS A UN RECEPTEUR MOBILE, TEL QU'UN TELEAVERTISSEUR, AU MOYEN D'EMETTEURS RADIO

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **TASTO, Manfred** [DE/DE]; Brandströmstrasse 86, D-46397 Bocholt (DE).

(81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42091** (13) A1

(21) PCT/US98/04729

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 08/818,231 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04H 1/00, H04N 7/14**

(54) ● RETURN PATH FILTER

● FILTRE DE VOIE DE RETOUR

(71) **TRESNESS IRREVOCABLE PATENT TRUST** [US/US]; 2030 Erie Boulevard East, Syracuse, NY 13224 (US).

(72) **TRESNESS, Andrew, F.**; 4610 Watergap, Manlius, NY 13104 (US). **ZELENZ, Martin, L.**; 6818 Woodchuck Hill Road, Fayetteville, NY 13066 (US).

(74) **TRAPANI, Lawrence, P.**; Trapani & Mollidrem, Monroe Building, 2nd floor, 333 East Onondaga Street, Syracuse, NY 13202 (US).

(81) BR CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42092** (13) A2

(21) PCT/IB98/00213

(22) **19 Feb/fév 1998 (19.02.1998)**

(25) en (26) en

(31) 08/819,896 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04J 1/12**

(54) ● IMPROVED CHANNEL SPACING FOR DISTORTION REDUCTION

● ESPACEMENT DE CANAL AMELIORE POUR LA REDUCTION DE DISTORSION

(71) **CELLULARVISION TECHNOLOGY & TELECOMMUNICATIONS L.P.** [US/US]; Dag Hammarskjöld Boulevard, Freehold, NJ 07728 (US).

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE). (only for / seulement pour SE)

(72) **BOSSARD, Bernard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **CUPPENS, Hubertus, Martinus, Maria**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42093** (13) A1

(21) PCT/JP98/01129

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) ja (26) ja

(31) 9/85859 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(31) 9/155778 (32) **28 May/mai 1997 (28.05.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04J 13/00**

(54) ● CALIBRATION DEVICE FOR ARRAY ANTENNA WIRELESS RECEIVER

● DISPOSITIF D'ETALONNAGE POUR RECEPTEUR SANS FIL D'ANTENNE RESEAU

(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) **MIYA, Kazuyuki** [JP/JP]; 1132-22, Kamiaso, Asao-ku, Kawasaki-shi, Kanagawa 215-0021 (JP). **HIRAMATSU, Katsuhiko** [JP/JP]; 102, Sharuman Ogawa, 4-21-4, Kurihama, Yokosuka-shi, Kanagawa 239-0831 (JP).

(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

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

(11) **WO 98/42094** (13) A1

(21) PCT/JP98/00757

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) ja (26) ja

(31) 9/65026 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04J 13/04**

(54) ● DIRECT SPREAD SPECTRUM COMMUNICATION SYSTEM CORRESPONDING TO DELAYED MULTIPLEX MODE, AND METHOD OF COMMUNICATION USING THE SYSTEM

● SYSTEME DE COMMUNICATION DIRECTE A SPECTRE DISPERSE CORRESPONDANT AU MODE MULTIPLEX TEMPORISE, ET PROCÉDE DE COMMUNICATION UTILISANT LE SYSTEME

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP).

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

(72, 75) **OKAMOTO, Naoki** [JP/JP]; 31-1, Asumigaoka 5-chome, Midori-ku, Chiba-shi, Chiba 267-0066 (JP).

(74) **TAKANO, Akichika** et al. / etc.; Salute Building, 9th floor, 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0041 (JP).

(81) AU CA CN KR NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42095** (13) A1

(21) PCT/US98/04871

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/820,670 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04J 14/02**

(54) ● BIT-RATE TRANSPARENT WDM OPTICAL COMMUNICATION SYSTEM WITH REMODULATORS

● SYSTEME DE TELECOMMUNICATIONS OPTIQUES MRL, TRANSPARENT A LA VALEUR DU DEBIT BINAIRE

(71) **CIENA CORPORATION** [US/US]; Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (US).

(72) **TAYLOR, Michael, G.**; 8334 Sperry Court, Laurel, MD 20723 (US).

(74) **WOOLSTON, Thomas, G.** et al. / etc.; Fish & Richardson P.C., 601 Thirteenth Street, N.W., Washington, DC 20005 (US).

(81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42096** (13) A2

(21) PCT/US98/05057

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 60/040,586 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(31) 60/040,585 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(31) 60/044,333 (32) **27 Mar/mar 1997 (27.03.1997)** (33) US

(31) 60/043,753 (32) **9 Apr/avr 1997 (09.04.1997)** (33) US

(31) 60/064,529 (32) **5 Nov/nov 1997 (05.11.1997)** (33) US

(31) 60/066,304 (32) **25 Nov/nov 1997 (25.11.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L

(54) ● A COMMUNICATIONS SYSTEM AND METHOD FOR INTERCONNECTED NETWORKS HAVING A LINEAR TOPOLOGY, ESPECIALLY RAILWAYS

● SYSTEME ET PROCEDE DE COMMUNICATION POUR RESEAUX INTERCONNECTES PRESENTANT UNE TOPOLOGIE LINEAIRE, NOTAMMENT DES CHEMINS DE FER

(71) **GE-HARRIS RAILWAYS ELECTRONICS, L.L.C.** [US/US]; 407 North John Rhodes Boulevard, Melbourn, FL 32934-8059 (US).(72) **DARBY, Albert, Donald, Jr.**; 3700 Ponderosa Road, Valkaria, FL 32950 (US). **PELTZ, David**; 4374 Parkway Drive, Melbourne, FL 32934 (US). **HEFNER, Mark**; 395 Rio Plasma South, Indiatlantic, FL 32903 (US). **JARMAN, George**; 5613 Loblolly Place, Grant, FL 32949 (US). **SCHOONMAKER, William**; 201 Plantation Club Drive #1103, Melbourne, FL 32940 (US). **ALI, Irfan**; 1134 Phoenix Avenue, Schenectady, NY 12308 (US).(74) **KILLEEN, Joseph, M.** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (US).

(81) AU BR CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42097** (13) A1

(21) PCT/US98/05191

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/820,617 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 1/00

(54) ● MESSAGE ENCODING TECHNIQUE FOR COMMUNICATION SYSTEMS

● TECHNIQUE DE CODAGE DE MESSAGES POUR SYSTEMES DE COMMUNICATION

(71) **ERICSSON INC.** [US/US]; Patent Dept., 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).(72) **ST. JOHN, James, T.**; 301 Whitcomb Lane, Goode, VA 24556 (US). **JANKY, William, O.**; 124 Foxwood Drive, Goode, VA 24556 (US).(74) **PURKS, David, K.** et al. / etc.; Ericsson Inc., Patent Dept., 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42098** (13) A1

(21) PCT/US98/04658

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818,132 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 9/00

(54) ● DIGITAL PRODUCT RIGHTS MANAGEMENT TECHNIQUE

● TECHNIQUE DE GESTION DES DROITS SUR DES PRODUITS NUMERIQUES

(71) **CRYPTOWORKS, INC.** [US/US]; 2084 Union Street, San Francisco, CA 94123 (US).(72) **LeBOURGEOIS, John, H.**; 193 San Carlos Way, Novato, CA 94945 (US).(74) **WOLFELD, Warren, S.**; Fliesler, Dubb, Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42099** (13) A1

(21) PCT/JP97/00807

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 9/32, G11B 20/00, G06F 1/00

(54) ● NEW METHODS FOR PROTECTING VITAL INFORMATION/COMMERCIAL PRODUCTS FROM ILLEGAL USAGE/REPRODUCTION

● NOUVEAUX PROCEDES POUR PROTEGER DES INFORMATIONS VITALES/DES PRODUITS COMMERCIAUX D'UNE UTILISATION/REPRODUCTION ILLEGALE

(71) **SUMMERSOFT CO., LTD.** [JP/JP]; 801, Center Kita Parkhomes, 6-4, Nakagawa Chuo 1-chome, Tuzuki-ku, Yokohama-shi, Kanagawa 224 (JP). (for all designated States except / pour tous les États désignés sauf US)(71, 72) **SAKAI, Joji** [JP/JP]; 801, Center Kita Parkhomes, 6-4, Nakagawa Chuo 1-chome, Tuzuki-ku, Yokohama-shi, Kanagawa 224 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42100** (13) A2

(21) PCT/DE98/00746

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) de (26) de

(31) 297 18 348.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE(31) 197 47 200.1 (32) **25 Oct/oct 1997 (25.10.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 12/00

(54) ● CONTROL AND INDICATION DEVICE FOR AN E-MAIL SERVICE

● DISPOSITIF DE COMMANDE ET DE NOTIFICATION POUR SERVICE DE COURRIER ELECTRONIQUE

(71) **CAW ELECTRONIC GMBH** [DE/DE]; Heidenheimer Strasse 64, D-89312 Günzburg (DE).(72) **WASCHEK, Bernd**; Umlandstrasse 10, D-89312 Günzburg (DE). **KRONWITTER, Tobias**; Westendstrasse 125, D-80339 München (DE).(74) **BINDER, Armin**; Neue Bahnhofstrasse 16, D-89335 Ichenhausen (DE).

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

(11) **WO 98/42101** (13) A2

(21) PCT/GB98/00761

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 9705371.4 (32) **14 Mar/mar 1997 (14.03.1997)** (33) GB

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 12/00

(54) ● CONTROL OF DATA TRANSFER AND DISTRIBUTED DATA PROCESSING

● REGULATION DE TRANSFERT DE DONNEES ET TRAITEMENT DE DONNEES REPARTI

(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) **SMITH, Alan, Philip** [GB/GB]; 12 Ernleigh Road, Ipswich, Suffolk IP4 5LV (GB). **GRACE, Andrew, Peter** [GB/GB]; 1 The Greens, Rushmere, Ipswich, Suffolk IP4 5UT (GB).(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DJ (GB).

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

(11) **WO 98/42102** (13) A1

(21) PCT/CA98/00232

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 2,200,009 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CA(31) 2,200,011 (32) **14 Mar/mar 1997 (14.03.1997)** (33) CA(31) 60/043,080 (32) **8 Apr/avr 1997 (08.04.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ H04L 12/24, H04Q 11/04

(54) ● SERVICE LEVEL AGREEMENT MANAGEMENT IN DATA NETWORKS

● GESTION D'AGREMENT DE NIVEAU DE SERVICE DANS DES RESEAUX DE DONNEES

(71) **CROSSKEYS SYSTEMS CORPORATION** [CA/CA]; 350 Terry Fox Drive, Kanata, Ontario K2K 2W5 (CA).

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

- (72, 75) **FORGET, Leo** [CA/CA]; 55 Forest Creek, Stittsville, Ontario K2S 1M1 (CA). **CHRISTMAS, Mark** [CA/CA]; 13 Riding Way, Kanata, Ontario K2M 1C3 (CA).
- (74) **MITCHELL, Richard, J.**; Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (CA).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42103** (13) A1
(21) PCT/US98/05162
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/821,698 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 12/26, 29/06**
(54) ● SYSTEMS AND METHODS FOR MONITORING DISTRIBUTED APPLICATIONS
● SYSTEMES ET PROCÉDES DE SURVEILLANCE D'APPLICATIONS REPARTIES
(71) **FIRSTSENSE SOFTWARE, INC.** [US/US]; 21 B Street, Burlington, MA 01803 (US).
(72) **AGARWAL, Neeraj**; 26 Gosselin Road, Nashua, NH 03062 (US). **PERRET, Pierre**; 4326 W. Michigan Avenue, Glendale, AZ 85308 (US). **MC-MENEMY, Michael, G.**; 28 Parker Drive, Merrimack, NH 03054 (US).
(74) **MUIRHEAD, Donald, W.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42104** (13) A1
(21) PCT/IL98/00122
(22) **16 Mar/mar 1998 (16.03.1998)**
(25) en (26) en
(31) 120459 (32) **16 Mar/mar 1997 (16.03.1997)** (33) IL
(31) 08/884,712 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 12/28**
(54) ● SYSTEM AND METHOD FOR PROVIDING AUDIO COMMUNICATION OVER AN INTEGRATED SWITCHED TELEPHONE AND COMPUTER NETWORK
● PROCÉDE ET DISPOSITIF DE REALISATION DE COMMUNICATIONS AUDIO PAR UN RESEAU DE COMMUTATION INTEGRANT TELEPHONIE ET INFORMATIQUE

- (71) **VOCALTEC COMMUNICATIONS LTD.** [IL/IL]; Maskit Street 1, 46733 Herzelia (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETRACK, Scott** [IL/IL]; Bustanai Street 24, 93229 Jerusalem (IL). **KRECHMER, Ken** [US/US]; 757 Greer Road, Palo Alto, CA 94303 (US). **SHAHAR, Yuval** [IL/IL]; Wingate Street 123, 46752 Herzelia (IL). **COHEN, Alon** [IL/IL]; Yakinton Street 6, 75238 Rishon Lezion (IL).
- (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; Lumir House, Maskit Street 22, 46733 Herzelia (IL).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42105** (13) A1
(21) PCT/GB98/00820
(22) **18 Mar/mar 1998 (18.03.1998)**
(25) en (26) en
(31) 97301842.7 (32) **19 Mar/mar 1997 (19.03.1997)** (33) EP
(34) GB et al. / etc.
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 12/56, G06F 15/80, G06E 3/00**
(54) ● TELECOMMUNICATIONS SWITCH
● COMMUTATEUR DE TELECOMMUNICATION
(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) **WEBB, Roderick, Peter** [GB/GB]; 72 Easton Road, Hacheston, Woodbridge, Suffolk IP13 0DX (GB).
(74) **ROBERTS, Simon**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).
(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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42106** (13) A2
(21) PCT/SE98/00483
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/822,244 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 27/00**
(54) ● IQ MODULATOR, AND ASSOCIATED METHOD

- MODULATEUR EN PHASE ET EN QUADRATURE DE PHASE ET PROCÉDE ASSOCIE
(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(72) **GUSTAFSSON, Kjell, Berthold**; Borgåsslingan 2, S-224 72 Lund (SE). **CARLSSON, Torsten, John**; Viborgsslingan 46, S-224 72 Lund (SE).
(74) **ERICSSON MOBILE COMMUNICATIONS AB**; Patent Unit, S-164 80 Stockholm (SE).
(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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42107** (13) A1

- (21) PCT/US98/04091
(22) **17 Mar/mar 1998 (17.03.1998)**
(25) en (26) en
(31) 08/819,617 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 29/06**
(54) ● METHODS AND APPARATUS FOR PROVIDING IMPROVED QUALITY OF PACKET TRANSMISSION IN APPLICATIONS SUCH AS INTERNET TELEPHONY
● PROCÉDES ET DISPOSITIF PERMETTANT D'ASSURER UNE QUALITE AMELIOREE D'EMISSION DE PAQUETS DE DONNEES DANS DES APPLICATIONS TELLES QUE LA TELEPHONIE INTERNET
(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

- (72) **KATSEFF, Howard, Paul**; 38 Carriage Lane, Englishtown, NJ 07726 (US). **ROBINSON, Bethany, Scott**; 180 Cokesbury Road, Lebanon, NJ 08833 (US).
(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/42108** (13) A1
(21) PCT/US98/05532
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 08/821,235 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US
(43) 24 Sep/sep 1998 (24.09.1998)
(51)⁶ **H04L 29/06**
(54) ● METHOD FOR IMPLEMENTING A TRANSPORT LAYER PROTOCOL FOR WIRELESS PACKET DATA DELIVERY
● PROCÉDE SERVANT A METTRE EN OEUVRE UN PROTOCOLE DE COUCHE DE TRANSPORT POUR EFFECTUER L'ACHEMINEMENT SANS FIL DE PAQUETS DE DONNEES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **GRAHAM, D., Greg**; 544 Savannah Avenue, Lynchburg, VA 24502 (US). **DOIRON, Timothy, J.**; 403 N. Clinton, New Athens, IL 62264 (US). **SPIVEY, Anthony**; 312-A Gouyer Drive, Madison Heights, VA 24572 (US). **SADROZINSKI, Peter**; Apartment 11, 2937 Rivermont Avenue, Lynchburg, VA 24503 (US). **CROUCHER, Russell**; 208 Crestview Drive, Forest, VA 24551 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42109** (13) A1

(21) PCT/US98/05172

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/819,522 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04L 29/12**

(54) ● PERSPECTIVE-BASED SHARED SCOPE ADDRESS RESOLUTION METHOD AND APPARATUS

● APPAREIL ET PROCEDE DE TYPE EN PERSPECTIVE DE CALCUL D'ADRESSE A PORTEE PARTAGEE

(71) **CABLETRON SYSTEMS, INC.** [US/US]; 35 Industrial Way, Rochester, NH 03867 (US).

(72) **DEV, Roger**; 64 Bagdad Road, Durham, NH 03824 (US). **JEFFORDS, Jason**; 70 Mast Road No. 1, Lee, NH 03824 (US). **QUINN, Martin, S.**; 92 High Road, Lee, NH 03824 (US).

(74) **HENDRICKS, Therese, A.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42110** (13) A1

(21) PCT/JP97/00862

(22) **18 Mar/mar 1997 (18.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 1/00, 11/00, H04B 7/26**

(54) ● MOBILE TELEPHONE

● TELEPHONE MOBILE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWAMI, Akiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42111** (13) A1

(21) PCT/US98/04864

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/823,234 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 1/274, 1/65, H04Q 7/20, H04B 7/26, H04J 3/24, G06F 13/00, 15/163, 15/80**

(54) ● COMMUNICATION CONTROL FOR A USER OF A CENTRAL COMMUNICATION CENTER

● COMMANDE DE TRANSMISSION DESTINEE A UN UTILISATEUR DE CENTRE DE TRANSMISSION

(71) **OMNIPOINT CORPORATION** [US/US]; Suite 400, 3 Bethesda Metro Center, Bethesda, MD 20814 (US).

(72) **BILGIC, Izzet, M.**; 6840 Goldcrest Court, Colorado Springs, CO 80919 (US).

(74) **HEMMINGER, Steven, D.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42112** (13) A2

(21) PCT/DE98/00607

(22) **2 Mar/mar 1998 (02.03.1998)**

(25) de (26) de

(31) 197 11 285.4 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 1/72**

(54) ● COMMUNICATIONS TERMINAL AND METHOD FOR DATA TRANSMISSION BETWEEN A COMMUNICATIONS NETWORK AND A COMMUNICATIONS TERMINAL

● TERMINAL DE COMMUNICATION ET PROCEDE POUR LA TRANSMISSION D'INFORMATIONS ENTRE UN RESEAU DE COMMUNICATION ET UN TERMINAL DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FENSKE, Horst** [DE/DE]; Ulmenstrasse 26b, D-82256 Fürstenfeldbruck (DE).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42113** (13) A1

(21) PCT/US98/04528

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 08/818,246 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 1/72**

(54) ● MEANS OF COMMUNICATION BETWEEN A BATTERY PACK AND A BATTERY POWERED DEVICE

● MOYEN DE COMMUNICATION ENTRE UN BLOC-BATTERIE ET UN DISPOSITIF A BATTERIE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **WAKEFIELD, Ivan, Nelson**; 107 Odessa Circle, Cary, NC 27513 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42114** (13) A1

(21) PCT/US98/05274

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/822,286 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 3/38**

(54) ● ENHANCEMENT DO NOT DISTURB SUBSCRIBER FEATURE WITHIN A TELECOMMUNICATIONS NETWORK

● COMPLEMENT DE SERVICE NE PAS DERANGER-ABONNE DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **WU, Woody**; 6908 Rochelle, Plano, TX 75023 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42115** (13) A1

(21) PCT/FI98/00089

(22) **28 Jan/jan 1998 (28.01.1998)**

(25) fi (26) en

(31) 971114 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 3/42**

(54) ● METHOD FOR PRODUCING A SERVICE PROFILE BASED ON USER'S CHOICE FOR AN EXTENSION IN A TELECOMMUNICATIONS NETWORK

● PROCEDE DE PRODUCTION D'UN PROFIL DE SERVICE DEPENDANT D'UN CHOIX D'UTILISATEUR POUR UNE EXTENSION D'UN RESEAU DE TELECOMMUNICATIONS

(71) **TELECOM FINLAND OY** [FI/FI]; Sturenkatu 16, FIN-00510 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORKKI, Markus** [FI/FI]; Mäkelänkatu 27 A 12, FIN-00550 Helsinki (FI).

(74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN-00101 Helsinki (FI).

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

Published / Publiée : (c)

(11) **WO 98/42116** (13) A1

(21) PCT/GB98/00745

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 97301814.6 (32) **18 Mar/mar 1997 (18.03.1997)** (33) EP

(34) GB et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 3/42, 3/50**

(54) ● OPERATING A COMMUNICATIONS NETWORK

● FONCTIONNEMENT D'UN RESEAU DE TELECOMMUNICATIONS

(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) **ASHWORTH, David, Trevor** [GB/GB]; 30 Hornbeam Road, Theydon Bois, Essex CM16 7JX (GB).

(74) **EVERSHED, Michael**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

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

(11) **WO 98/42117** (13) A1

(21) PCT/IT98/00065

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) RM97A000353 (32) **13 Jun/juin 1997 (13.06.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 3/50, G07F 17/32, 7/00**

(54) ● ACCESS MEANS TO INTERACTIVE SERVICE FOR THE TELEMATIC STAKING IN GAMES BASED ON FORECASTS

● UNITE D'ACCES A UN SERVICE INTERACTIF PERMETTANT DE MISER PAR VOIE TELEMATIQUE DANS DES JEUX FONDES SUR DES PREVISIONS

(71) **TELECOM ITALIA S.P.A.** [IT/IT]; Via Flaminia, 189, I-00196 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIOVANNELLA, Fabio** [IT/IT]; Corso Italia, 41, I-00184 Roma (IT).

(74) **DOMENIGHETTI FIAMMENGHI, Delfina** et al. / etc.; Fiammenghi Fiammenghi, Via Quattro Fontane, 31, I-00184 Roma (IT).

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

Published / Publiée : (c), (f)

(11) **WO 98/42118** (13) A1

(21) PCT/US98/04872

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 60/041,077 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(31) 09/040,223 (32) **12 Mar/mar 1998 (12.03.1998)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 3/50**

(54) ● METHOD AND APPARATUS FOR SIMULATING A CENTRAL QUEUE FOR DISTRIBUTING CALLS IN A DISTRIBUTED ARRANGEMENT OF AUTOMATIC CALL DISTRIBUTORS

● PROCEDE ET APPAREIL PERMETTANT DE SIMULER UNE FILE D'ATTENTE CENTRALE POUR DISTRIBUER DES APPELS DANS UN AGENCEMENT REPARTI DE DISTRIBUTEURS D'APPELS AUTOMATIQUES

(71) **AT & T CORPORATION** [US/US]; 32 Avenue of the Americas, New York, NY 10003 (US).

(72) **DURINOVIC-JOHRRI, Sanja**; 20 Woodman Place, Aberdeen, NJ 07747 (US). **LEVY, Yonatan, A.**; 1 Grant Road, Manalapan, NJ 07726 (US). **SABINAS, Suhagini, V.**; 14 Cape May Drive, Marlboro, NJ 07746 (US).

(74) **JACKSON, Thomas, H.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/42119** (13) A1

(21) PCT/US98/04743

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/818,321 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 7/10, 11/00, H04Q 11/04, H04J 1/00, 3/02, 3/16, 3/17, H04L 12/28, 12/50, 12/66, 12/403**

(54) ● METHOD AND APPARATUS FOR ESTABLISHING AND FACILITATING A DIRECT QUALITY VOICE CALL TO A TELEPHONE EXTENSION

● PROCEDE ET APPAREIL DESTINES A ETABLIR ET FACILITER UN APPEL TELEPHONIQUE DIRECT A UN POSTE TELEPHONIQUE SUPPLEMENTAIRE

(71) **EFUSION, INC.** [US/US]; 15236 N.W. Greenbrier Parkway, Beaverton, OR 97006 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIRASHRAFI, Mojtaba** [US/US]; 15007 N.W. Germantown Road, Portland, OR 97231 (US). **PAWLAK, Ken** [US/US]; 16034 N.W. Ramona Drive, Beaverton, OR 97006 (US). **ELLIOTT, John, D.** [US/US]; 8427 N.W. Skyline Boulevard, Portland, OR 97229 (US). **BÜONDONNO, Michael, F.** [US/US]; 16772 S.W. Nafus Lane, Beaverton, OR 97007 (US). **KEELER, Kenneth, L.** [US/US]; 17013 N.W. Johnson Road, Hillsboro, OR 97124 (US). **PIRKL, Keith, A.** [US/US]; 1000 W. 43rd, Vancouver, WA 98660 (US). **SIMON, Al, J.** [US/US]; 967 N.W. First Place, Hillsboro, OR 97124 (US). **TAYLOR, George, L.** [US/US]; 10965 S.W. 78th Avenue, Tigard, OR 97223 (US). **ZUBER, Mark, D.** [US/US]; 17919 N.W. Cambrey, Beaverton, OR 97006 (US). **SPONAUGLE, Jeffrey, B.** [US/US]; 274 N.E. Lenox Street, Hillsboro, OR 97124 (US).

(74) **AUYEUNG, Ai** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42120** (13) A1

(21) PCT/FR98/00539

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) fr (26) fr
 (31) 97/04038 (32) **19 Mar/mar 1997** (33) FR
 (19.03.1997)
 (43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 15/00, H04Q 7/32**

(54) ● METHOD AND SYSTEM FOR AUTOMATICALLY LOADING AND/OR EXECUTING SERVICES IN A SMART CARD

● PROCEDE ET SYSTEME POUR LE CHARGEMENT ET/OU L'EXECUTION AUTOMATIQUE DE SERVICES DANS UNE CARTE A PUCE

(71) **GEMPLUS S.C.A.** [FR/FR]; Parc d'activités de Gémenos, Avenue du Pic de Bertagne, F-13881 Gémenos Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROUX, Michel** [FR/FR]; Les Restanques, Chemin de Jacques, F-13100 Le Tholonet (FR). **KIRIK, Jean-Paul** [FR/FR]; 54, boulevard Hilarion Boeuf, F-13010 Marseille (FR). **LEVY, David** [FR/FR]; 12, allée de l'Ariante, F-13008 Marseille (FR).

(74) **NONNENMACHER, Bernard**; Gemplus S.C.A., Z.I. Athéna III, Voie Antiope, F-13705 La Ciotat Cedex (FR).

(81) AU CA CN JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42121** (13) A1

(21) PCT/US98/02928

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) en (26) en

(31) 08/821,352 (32) **20 Mar/mar 1997** (33) US
 (20.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 15/00**

(54) ● CUSTOMER PROFILE BASED TELEPHONE CARD BILLING

● FACTURATION PAR CARTE TELEPHONIQUE EN FONCTION DU PROFIL CLIENT

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **JAGADISH, Hosagrahar, V.**; 16 Beech Avenue, Berkeley Heights, NJ 07922 (US). **MUMICK, Inderpal, S.**; 85 Swenson Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42122** (13) A1

(21) PCT/US98/02929

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) en (26) en

(31) 08/825,547 (32) **19 Mar/mar 1997** (33) US
 (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 15/00**

(54) ● TELEPHONE BILLING WITH CUSTOMER-DEFINED BUDGETING

● FACTURATION TELEPHONIQUE DANS LE CADRE D'UN BUDGET ETABLI PAR LE CLIENT

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **JAGADISH, Hosagrahar, V.**; 16 Beech Avenue, Berkeley Heights, NJ 07922 (US). **MUMICK, Inderpal, S.**; 85 Swenson Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42123** (13) A1

(21) PCT/US98/05305

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/820,500 (32) **19 Mar/mar 1997** (33) US
 (19.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04M 17/00**

(54) ● METHOD AND APPARATUS FOR AWARDING AND REDEEMING PREPAID TELEPHONE TIME

● PROCEDE ET APPAREIL D'ATTRIBUTION ET D'ECHANGE DE TEMPS DE COMMUNICATION TELEPHONIQUE PREPAYE

(71) **WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP** [US/US]; 5 High Ridge Park, Stamford, CT 06905-1325 (US).

(72) **WALKER, Jay, S.**; 124 Spectacle Lane, Ridgefield, CT 06877 (US). **JORASCH, James, A.**; 25 Forest Street #5G, Stamford, CT 06901 (US).

(74) **ANDERSON, Jay, H.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/42124** (13) A1

(21) PCT/EP98/01488

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 10 972.1 (32) **17 Mar/mar 1997** (33) DE
 (17.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 5/00, 7/52, 7/16**

(54) ● DATA-TRANSMISSION METHOD AND DEVICE

● PROCEDE ET DISPOSITIF POUR LA TRANSMISSION DE DONNEES

(71, 72) **KRETZSCHMAR, Ulrich** [DE/DE]; Zeppelinstrasse 138, D-14471 Potsdam (DE).

(72, 75) **WULFKEN, Harald** [DE/DE]; Postfach 1308, D-85731 Ismaning (DE).

(74) **HERTZ, Oliver**; Von Bezold & Sozien, Brienner Strasse 52, D-80333 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42125** (13) A1

(21) PCT/JP97/00912

(22) **19 Mar/mar 1997 (19.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 5/225, 9/04**

(54) ● IMAGE PICK-UP SYSTEM

● SYSTEME DE CAPTURE D'IMAGE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).

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

(72, 75) **SHIMIZU, Hiroshi** [JP/JP]; Iimura hights #201, 1021, Harajuku-cho, Totsuka-ku, Yokohama-shi, Kanagawa 245 (JP). **NISHIMURA, Ryuji** [JP/JP]; Yoshihara dai 1 hights #302, 1223, Shimokurata-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244 (JP). **NAKAJIMA, Akira** [JP/JP]; 10-6, Komazawa 4-chome, Setagaya-ku, Tokyo 154 (JP). **KUWABARA, Tadashi** [JP/JP]; 34-1-106, Shirane 4-chome, Asahi-ku, Yokohama-shi, Kanagawa 241 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42126** (13) A1

(21) PCT/US98/04698

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/819,921 (32) **18 Mar/mar 1997** (33) US
 (18.03.1997)

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 5/272**

(54) ● REAL-TIME METHOD OF DIGITALLY ALTERING A VIDEO DATA STREAM TO REMOVE PORTIONS OF THE ORIGINAL IMAGE AND SUBSTITUTE ELEMENTS TO CREATE A NEW IMAGE

● PROCEDE DE MODIFICATION NUMERIQUE EN TEMPS REEL D'UN FLUX DE DONNEES VIDEO AFIN D'EXTRAIRE DES PARTIES DE L'IMAGE ORIGINALE ET DE SUBSTITUER DES ELEMENTS POUR CREER UNE NOUVELLE IMAGE

(71) **THE METAPHOR GROUP** [US/US]; 4639 O'Connor Court, Irving, TX 75062 (US).

(72) **STEFFANO, Michael, D.**; 5104 Beverly Hills Drive, Austin, TX 78731 (US).

(74) **SANDLER, Ronald, A.** et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker Drive, Chicago, IL 60601-1692 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42127** (13) A1
 (21) PCT/US98/04163
 (22) **5 Mar/mar 1998 (05.03.1998)**
 (25) en (26) en
 (31) 08/819,970 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 5/44**
 (54) ● SYSTEM AND METHOD FOR AUTOMATIC AUDIO AND VIDEO CONTROL SETTINGS FOR TELEVISION PROGRAMS
 ● SYSTEME ET PROCEDE PERMETTANT DES REGLAGES AUDIO ET VIDEO AUTOMATIQUES POUR DES EMISSIONS TELEVISEES
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **MORRISON, Hugh, Boyd**; 7454 Galloway Avenue, Indianapolis, IN 46250 (US). **CROSBY, Sheila, Renee**; 325 Hampton Court, Crystal Lake, IL 60012 (US). **LOGAN, Robert, Joseph**; 4302 Sagamore Terrace, Indianapolis, IN 46220 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42128** (13) A1
 (21) PCT/US98/04360
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) en (26) en
 (31) 08/824,887 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 5/445**
 (54) ● MULTIPLE SOURCE KEYPAD CHANNEL ENTRY SYSTEM AND METHOD
 ● SYSTEME ET PROCEDE DE SELECTION PAR CLAVIER DE CANAL A SOURCES MULTIPLES
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **MORRISON, Hugh, Boyd**; 7454 Galloway Avenue, Indianapolis, IN 46250 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42129** (13) A1
 (21) PCT/US98/04367
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) en (26) en
 (31) 08/828,168 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 5/445**
 (54) ● HD TO SD GUIDE CONVERTER FOR ELECTRONIC TELEVISION SCHEDULE SYSTEM
 ● GUIDE CONVERTISSEUR DE HD EN DS POUR SYSTEME ELECTRONIQUE DE PROGRAMMES D'EMISSIONS TELEVISEES
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **MORRISON, Hugh, Boyd**; 7454 Galloway Avenue, Indianapolis, IN 46250 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42130** (13) A1
 (21) PCT/US98/05163
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 60/040,946 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 7/171, 7/169**
 (54) ● METHOD AND APPARATUS FOR ADAPTIVELY ENHANCING A SCRAMBLED TELEVISION SIGNAL
 ● PROCEDE ET APPAREIL POUR AMELIORER DE FAÇON ADAPTATIVE UN SIGNAL DE TELEVISION CRYPTÉ
 (71) **MACROVISION CORPORATION** [US/US]; 1341 Orleans Drive, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RYAN, John, O** [US/US]; 22015 Creekside Court, Cupertino, CA 95014 (US). **QUAN, Ronald** [US/US]; 10910 Wunderlich Drive, Cupertino, CA 94040 (US).
 (74) **BRILL, Gerow**; Macrovision Corporation, 1341 Orleans Drive, Sunnyvale, CA 94089 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42131** (13) A1
 (21) PCT/JP98/01083
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) ja (26) ja
 (31) 9/61261 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 7/18, H04M 11/00**
 (54) ● TLELECOMMUNICATION SYSTEM
 ● SYSTEME DE TELECOMMUNICATION
 (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) **SUGA, Ryoichi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SUZUKI, Toshio** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TONOMURA, Masashi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OKANO, Shoko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
 (74) **YAMAGUCHI, Kunio** et al. / etc.; Hirayama Building, 5F, 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
 (81) CA CN JP KR US; EP (DE FR GB).
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- (11) **WO 98/42132** (13) A1
 (21) PCT/JP98/01084
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) ja (26) ja
 (31) 9/62667 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
 (31) 9/90640 (32) **9 Apr/avr 1997 (09.04.1997)** (33) JP
 (31) 9/179342 (32) **4 Jul/juil 1997 (04.07.1997)** (33) JP
 (31) 9/226027 (32) **22 Aug/août 1997 (22.08.1997)** (33) JP
 (31) 9/226045 (32) **22 Aug/août 1997 (22.08.1997)** (33) JP
 (31) 9/332101 (32) **2 Dec/déc 1997 (02.12.1997)** (33) JP
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H04N 7/24, 7/30, 7/32, 7/08, H04L 12/56**
 (54) ● METHOD OF PROCESSING, TRANSMITTING AND RECEIVING DYNAMIC IMAGE DATA AND APPARATUS THEREFOR
 ● PROCEDE DE TRAITEMENT, TRANSMISSION ET RECEPTION DE DONNEES D'IMAGES DYNAMIQUES ET DISPOSITIF CONNEXE
 (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) **YAMAGUCHI, Takao** [JP/JP]; #202, Kote-du-rekoru, 4-7-10, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP). **ETOH, Minoru** [JP/JP]; 55-1, Amanogahara 2-chome, Katano-shi, Osaka 576-0034 (JP). **ARAKAWA, Hiroshi** [JP/JP]; 6-1-1404, Yotsudaniike 14ban-chi-8, Mukoujima, Fushimi-ku, Kyoto 612-8136 (JP).

(74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima Building, 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42133** (13) A1

(21) PCT/KR97/00085

(22) **16 May/mai 1997 (16.05.1997)**

(25) en (26) en

(31) 1997/9570 (32) **20 Mar/mar 1997 (20.03.1997)** (33) KR

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/26**

(54) ● A SYSTEM AND METHOD FOR CONTOUR-BASED MOTION ESTIMATION
● PROCEDE ET SYSTEME D'ESTIMATION DES DEPLACEMENTS A BASE DE CONTOURS

(71) **HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.** [KR/KR]; San 136-1, Ami-ri, Pubal-eub, Ichon-shi, Kyonggi-do 467-860 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHUNG, Jae-Won** [KR/KR]; 311-1209, Kangbyun Apt., Kayang-dong 3-danji, Kangso-gu, Seoul 157-200 (KR). **PARK, Cheol-Soo** [KR/KR]; 302, Daewon Villa, 492-18, Wooman 1-dong, Paltal-gu, Suwon-shi, Kyonggi-do 442-190 (KR). **MOON, Joo-Hee** [KR/KR]; 602-304, Hyundai Apt., 610, Kuui 3-dong, Kwangjin-gu, Seoul 133-200 (KR). **KIM, Jae-Kyoon** [KR/KR]; B-202, Sang-a Villa, 47-20, Samsung-dong, Kangnam-gu, Seoul 135-090 (KR).

(74) **YOO, Dong-Ho** et al. / etc.; Kangnam Building, Room 903, 1321-1, Soch'o-dong, Soch'o-gu, Seoul 137-070 (KR).

(81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42134** (13) A1

(21) PCT/JP97/00834

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) ja (26) ja

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/32**

(54) ● IMAGE ENCODER, IMAGE DECODER, IMAGE ENCODING METHOD, IMAGE DECODING METHOD AND IMAGE ENCODING/DECODING SYSTEM
● CODEUR ET DECODEUR D'IMAGE, METHODE DE CODAGE ET DE DECODAGE D'IMAGE, ET SYSTEME DE CODAGE/DECODAGE D'IMAGE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIGUCHI, Shunichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **ASAI, Kohtaro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **MURAKAMI, Tokumichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **MIZOI, Shoji**; NTA Ofuna Building, 3F, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247 (JP).

(81) AU JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42135** (13) A1

(21) PCT/JP97/03825

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) ja (26) ja

(31) PCT/JP97/00834 (32) **17 Mar/mar 1997 (17.03.1997)** (33) WO

(34) JP et al. / etc.

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/32**

(54) ● IMAGE ENCODER, IMAGE DECODER, IMAGE ENCODING METHOD, IMAGE DECODING METHOD AND IMAGE ENCODING/DECODING SYSTEM
● DISPOSITIFS, PROCEDES ET SYSTEME DE CODAGE ET DECODAGE D'IMAGES

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIGUCHI, Shunichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **ASAI, Kohtaro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **MURAKAMI, Tokumichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **NISHIKAWA, Hirofumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **KURODA, Shinichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **ISU, Yoshimi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **HASEGAWA, Yuri** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **MIZOI, Shoji**; NTA Ofuna Building 3F, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247 (JP).

(81) AU JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42136** (13) A1

(21) PCT/JP98/00899

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) ja (26) ja

(31) 9/65868 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/32**

(54) ● IMAGE ENCODING METHOD AND DEVICE
● PROCEDE ET DISPOSITIF DE CODAGE 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) **OGURA, Eiji** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TAKASHIMA, Masatoshi**

[JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No. 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42137** (13) A1

(21) PCT/EP98/01433

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) TO97A000209 (32) **14 Mar/mar 1997 (14.03.1997)** (33) IT

(31) TO97A000486 (32) **5 Jun/juin 1997 (05.06.1997)** (33) IT

(31) TO97A001035 (32) **27 Nov/nov 1997 (27.11.1997)** (33) IT

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/36**

(54) ● CIRCUIT FOR MOTION ESTIMATION IN DIGITISED VIDEO SEQUENCE ENCODERS

● CIRCUIT POUR L'ESTIMATION DES MOUVEMENTS DANS DES CODEURS DE SEQUENCES VIDEO NUMERISEES

(71) **CSELT-CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.** [IT/IT]; Via G. Reiss Romoli, 274, I-10148 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELLIFEMINE, Fabio** [IT/IT]; Via B. Garizio, 16, I-10139 Torino (IT). **BOLLANO, Gianmario** [IT/IT]; V. Spano, 12, I-10134 Torino (IT). **GANDINI, Marco** [IT/IT]; C.so Svizzera, 60, I-10145 Torino (IT). **GARINO, Pierangelo** [IT/IT]; Via Circonvallazione, 131, I-10088 Volpiano (IT). **TORIELLI, Alessandro** [IT/IT]; C.so Trapani, 114, I-10141 Torino (IT). **MARCHISIO, Mauro** [IT/IT]; C.so Agnelli, 118, I-10137 Torino (IT). **FINOTELLO, Andrea** [IT/IT]; Via Gobetti, 3, I-10036 Settimo Torinese (IT). **MOMBERS, Frederick** [BE/FR]; Rue des Grosses Haies, F-59570 Taisnières-Hon (FR). **DOGIMONT, Stephanie** [BE/BE]; Chemin de Binche 61, B-7390 Quaregnon (BE). **GUMM, Martin** [DE/CH]; Avenue de Riant-Mont 1, CH-1004 Lausanne (CH). **NICOLAZ, Didier** [CH/JP]; Atsugi Youth-Heim R113, Okada 4-5-3, Atsugi-City, Kanagawa 243-0021 (JP). **MATTAVELLI, Marco** [IT/CH]; Chemin de la Perroude 2B, CH-1196 Gland (CH).

(74) **FRHR, RIEDERER V. PAAR, Anton**; Postfach 26 64, D-84010 Landshut (DE) et al. / etc.

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42138** (13) A2

(21) PCT/IB98/00250

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 08/819,894 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/50**

(54) ● HDTV VIDEO DECODER AND RELATED METHOD

● DECODEUR VIDEO DE TELEVISION HAUTE DEFINITION (HDTV) ET PROCEDE ASSOCIE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BAKHMUTSKY, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42139** (13) A1

(21) PCT/US98/04791

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/818,824 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/50**

(54) ● VIDEO DECODER WITH REDUCED SIZE DISPLAY BUFFER
● DECODEUR VIDEO A TAMPON D'AFFICHAGE DE TAILLE REDUITE

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OZCELIK, Taner** [TR/US]; Sony Electronics Inc., 3300 Zanker Road, San Jose, CA 95134-1901 (US). **GADRE, Shirish, C.** [IN/US]; Sony Electronics Inc., 3300 Zanker Road, San Jose, CA 95134-1901 (US).

(74) **HODES, Alan, S.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42140** (13) A1

(21) PCT/SE98/00479

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 9700981-5 (32) **18 Mar/mar 1997 (18.03.1997)** (33) SE

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 7/62, H04L 12/56, H04Q 11/04**

(54) ● TRANSMISSION OF MPEG-ENCODED DATA IN ATM-SYSTEMS
● TRANSMISSION DE DONNEES CODEES MPEG, DANS DES SYSTEMES MTA

(71) **TELIA AB (publ)** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOLIN, Per** [SE/SE]; Vapengatan 12, S-126 52 Hägersten (SE). **BAHLENBERG, Gunnar**

[SE/SE]; Blidvägen 234, S-976 32 Luleå (SE). **DILLNER, Erik** [SE/SE]; Råmensv. 14, S-120 55 Årsta (SE). **JOHANSSON, Magnus** [SE/SE]; Timmermansgatan 34, S-972 41 Luleå (SE). **LJUNGGREN, Lis-Marie** [SE/SE]; Praktikantvägen 31, S-977 53 Luleå (SE). **TONVALL, Harry** [SE/SE]; Vuopioogatan 8, S-984 31 Pajala (SE). **WESTER, Per-Ola** [SE/SE]; Dalgränd 6, S-121 30 Enskede (SE).

(74) **PRAGSTEN, Rolf**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(81) EE LT LV NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42141** (13) A1

(21) PCT/US98/04708

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/821,189 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 9/28, 5/63**

(54) ● POWER SENSOR CIRCUIT
● CIRCUIT CAPTEUR DE PUISSANCE

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).

(72) **GEORGE, John, Barrett**; 11408 Lakeshore Drive East, Carmel, IN 46033 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42142** (13) A1

(21) PCT/JP98/01102

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) ja (26) ja

(31) 9/82252 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(31) 9/195039 (32) **4 Jul/juil 1997 (04.07.1997)** (33) JP

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04N 9/74, 1/60**

(54) ● COLOR CORRECTION DEVICE, COLOR CORRECTION METHOD, PICTURE PROCESSING DEVICE, AND PICTURE PROCESSING METHOD
● DISPOSITIF ET PROCEDE DE CORRECTION DE COULEURS, DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE

(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) **TAKASHIMA, Akihiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **MORI-WAKE, Katsuakira** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **USUI, Shoichi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42143** (13) A2

(21) PCT/US98/02888

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) en (26) en

(31) 08/819,310 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q**

(54) ● SATELLITE COMMUNICATIONS SYSTEM HAVING DISTRIBUTED USER ASSIGNMENT AND RESOURCE ASSIGNMENT WITH TERRESTRIAL GATEWAYS
● SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE A AFFECTATION REPARTIE DES ABONNES ET DES RESSOURCES ENTRE LES PASSERELLES TERRESTRES

(71) **GLOBALSTAR L.P.** [US/US]; 3200 Zanker Road, San Jose, CA 95134 (US).

(72) **WIEDEMAN, Robert, A.**; 1735 Mora Court, Los Altos, CA 94074 (US). **MONTE, Paul, A.**; 358 Spar Avenue, San Jose, CA 95117 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(81) AU BR MX RU SG UA.

(11) **WO 98/42144** (13) A2

(21) PCT/US98/04100

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/821,686 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q**

(54) ● APPARATUS AND METHOD FOR MONITORING EVENT QUEUE OPERATIONS WITH PLUGGABLE EVENT QUEUES
● APPAREIL ET PROCEDE DE CONTROLE D'OPERATIONS DE MISE EN FILE D'ATTENTE D'EVENEMENTS AVEC DES FILES D'ATTENTE D'EVENEMENTS ENFICHABLES

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **BALL, Thomas, A.**; 2257 Glenkirk Drive, San Jose, CA 95124 (US).

(74) **GALLIANI, William, S.** et al. / etc.; Flehr Hobbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42145** (13) A2
 (21) PCT/US98/04742
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en
 (31) 08/818,771 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q**
 (54) ● METHOD AND APPARATUS FOR VALUE ADDED CONTENT DELIVERY
 ● PROCEDE ET APPAREIL DE REMISE D'UN CONTENU A VALEUR AJOUTEE
 (71) **EFUSION, INC.** [US/US]; 15236 N.W. Greenbrier Parkway, Beaverton, OR 97006 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MIRASHRAFI, Mojtaba** [US/US]; 15007 N.W. Germantown Road, Portland, OR 97231 (US). **BUONDONNO, Michael, F.** [US/US]; 16772 S.W. Nafus Lane, Beaverton, OR 97007 (US). **ELLIOTT, John, D.** [US/US]; 8427 N.W. Skyline Boulevard, Portland, OR 97229 (US). **KEELER, Kenneth, L.** [US/US]; 17013 N.W. Johnson Road, Hillsboro, OR 97124 (US). **PIRKL, Keith, A.** [US/US]; 1000 W. 43rd, Vancouver, WA 98660 (US). **SIMON, Al, J.** [US/US]; 967 N.W. First Place, Hillsboro, OR 97124 (US). **TAYLOR, George, L.** [US/US]; 10965 S.W. 78th Avenue, Tigard, OR 97223 (US). **ZUBER, Mark, D.** [US/US]; 17919 N.W. Cambay, Beaverton, OR 97006 (US).
- (74) **AUYEUNG, Al et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42147** (13) A1
 (21) PCT/EP98/01523
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) de (26) de
 (31) 97104704.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) EP
 (34) DE et al. / etc.
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q 3/00**
 (54) ● NETWORK SERVICE CONTROL POINT (SCP) FOR AN INTELLIGENT NETWORK (IN)
 ● RESEAU A POINTS DE CONTROLE DE SERVICE POUR RESEAU INTELLIGENT
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SEVCIK, Maximilian** [CH/FR]; 58, rue de l'Eglise, F-75015 Paris (FR).
 (81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42148** (13) A1
 (21) PCT/FI98/00198
 (22) **5 Mar/mar 1998 (05.03.1998)**
 (25) en (26) en
 (31) 9711142 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FI
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q 3/00**
 (54) ● PROCEDURE FOR ENSURING THE OPERATION OF SIGNALLING CHANNELS IN A V5 INTERFACE
 ● MARCHÉ A SUIVRE POUR L'EXPLOITATION DE CIRCUITS DE SIGNALISATION DANS UNE INTERFACE V5
 (71) **EFUSION, INC.** [US/US]; 15236 N.W. Greenbrier Parkway, Beaverton, OR 97006 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MIRASHRAFI, Mojtaba** [US/US]; 15007 N.W. Germantown Road, Portland, OR 97231 (US). **ELLIOTT, John, D.** [US/US]; 8427 N.W. Skyline Boulevard, Portland, OR 97229 (US). **KEELER, Kenneth, L.** [US/US]; 17013 N.W. Johnson Road, Hillsboro, OR 97124 (US). **PIRKL, Keith, A.** [US/US]; 1000 W. 43rd, Vancouver, WA 98660 (US). **SIMON, Al, J.** [US/US]; 967 N.W. First Place, Hillsboro, OR 97124 (US). **TAYLOR, George, L.** [US/US]; 10965 S.W. 78th Avenue, Tigard, OR 97223 (US). **ZUBER, Mark, D.** [US/US]; 17919 N.W. Cambay, Beaverton, OR 97006 (US).
- (74) **AUYEUNG, Al et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42146** (13) A2
 (21) PCT/US98/04866
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) en (26) en
 (31) 08/818,828 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q**
 (54) ● METHOD AND APPARATUS FOR SELECTING AN INTERNET/PSTN CHANGEOVER SERVER FOR A PACKET BASED PHONE CALL
 ● PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER UN TRANSFERT INTERNET / RTPC POUR UN APPEL TELEPHONIQUE DECOUPE EN PAQUETS
 (71) **EFUSION, INC.** [US/US]; 15236 N.W. Greenbrier Parkway, Beaverton, OR 97006 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MIRASHRAFI, Mojtaba** [US/US]; 15007 N.W. Germantown Road, Portland, OR 97231 (US). **ELLIOTT, John, D.** [US/US]; 8427 N.W. Skyline Boulevard, Portland, OR 97229 (US). **KEELER, Kenneth, L.** [US/US]; 17013 N.W. Johnson Road, Hillsboro, OR 97124 (US). **PIRKL, Keith, A.** [US/US]; 1000 W. 43rd, Vancouver, WA 98660 (US). **SIMON, Al, J.** [US/US]; 967 N.W. First Place, Hillsboro, OR 97124 (US). **TAYLOR, George, L.** [US/US]; 10965 S.W. 78th Avenue, Tigard, OR 97223 (US). **ZUBER, Mark, D.** [US/US]; 17919 N.W. Cambay, Beaverton, OR 97006 (US).
- (74) **AUYEUNG, Al et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42150** (13) A2
 (21) PCT/US98/03633
 (22) **25 Feb/fév 1998 (25.02.1998)**
 (25) en (26) en
 (31) 60/040,454 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q 7/00**
 (54) ● DOWNLINK SMART ANTENNAS FOR IS-54/IS-136 TDMA SYSTEMS
 ● ANTENNES DE LIAISON DESCENDANTE INTELLIGENTES POUR SYSTEMES AMRT IS-54/IS136
 (71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).
 (72) **MARTIN, Carol, Catalano**; 12 Pine Cove Road, Fair Haven, NJ 07704 (US). **SOLENNBERGER, Nelson, Ray**; 22 Green Meadow Drive, Tinton Falls, NJ 07724 (US). **WINTERS, Jack, Hariman**; 1804 Knollwood Drive, Middletown, NJ 07748 (US).
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- (11) **WO 98/42149** (13) A2
 (21) PCT/DE98/00648
 (22) **4 Mar/mar 1998 (04.03.1998)**
 (25) de (26) de
 (31) 197 11 524.1 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q 7/00**
 (54) ● METHOD AND SWITCHING SYSTEM FOR PRODUCING TELECOMMUNICATION LINKS
 ● PROCEDE ET SYSTEME DE COMMUTATION POUR L'ETABLISSEMENT DE LIAISONS DE TELECOMMUNICATION
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RAAF, Bernhard** [DE/DE]; Maxhofstrasse 62, D-81475 München (DE).
 (81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/42151** (13) A2

(21) PCT/US98/05344

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/822,243 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 7/20**

(54) ● MULTIPLE HOME ZONE AREAS WITHIN A MOBILE TELECOMMUNICATIONS NETWORK

● ZONES DE DOMICILE MULTIPLES A L'INTERIEUR D'UN RESEAU DE TELECOMMUNICATIONS MOBILES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **KAZMI, Mustafa, A.**; 2809 West Royal #2307, Irving, TX 75063 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42152** (13) A1

(21) PCT/US98/03805

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/828,172 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 7/22**

(54) ● MOBILE STATION WITH INTELLIGENT ROAMING AND OVER-THE-AIR PROGRAMMING FEATURES

● STATION MOBILE A FONCTIONS INTELLIGENTES D'ITINERANCE ET DE PROGRAMMATION PAR AIR

(71) **SBC TECHNOLOGY RESOURCES, INC.** [US/US]; 9505 Arboretum Boulevard, Austin, TX 78759 (US).

(72) **COURSEY, Cameron, Kelly**; 2018 Old Mill Road, Austin, TX 78613 (US).

(74) **BERNSTEIN, Bruce, H.**; Greenblum & Bernstein, P.L.C., 1941 Roland Clarke Place, Reston, VA 20191 (US).

(81) KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/42153** (13) A2

(21) PCT/FI98/00234

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 971131 (32) **18 Mar/mar 1997 (18.03.1997)** (33) FI

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 7/26**

(54) ● METHOD FOR ESTABLISHING AN INCOMING CONNECTION IN A DATA TRANSFER SYSTEM AND A TERMINAL

● PROCEDE PERMETTANT D'ETABLIR UNE CONNEXION ENTRANTE DANS UN SYSTEME DE TRANSFERT DE DONNEES ET UN TERMINAL

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÄSÄNEN, Juha** [FI/FI]; Pensaskertuntie 8 A, FIN-02660 Espoo (FI). **VIMPARI, Markku** [FI/FI]; Kuovitie 14, FIN-90540 Oulu (FI).

(74) **OULUN PATENTTITOIMISTO BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

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

(11) **WO 98/42154** (13) A2

(21) PCT/US98/04313

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 08/819,787 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 7/32**

(54) ● SYSTEM FOR ALERTING PORTABLE COMMUNICATION DEVICE USER OF INCOMING CALL

● SYSTEME D'AVERTISSEMENT POUR SIGNALER UN APPEL ENTRANT A UN UTILISATEUR DE DISPOSITIF DE COMMUNICATION PORTATIF

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **OSBORN, William, Richard**; 107 Waterloo Station Drive, Carey, NC 27513 (US). **IRVIN, David, Rand**; 3101 Churchill Road, Raleigh, NC 27607 (US).

(74) **DAVIDSON, James, P.** et al. / etc.; Davidson & Gribbell, Suite 120, 10250 Alliance Road, Cincinnati, OH 45242 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/42155** (13) A2

(21) PCT/FI98/00203

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/819,368 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 7/38**

(54) ● A METHOD FOR COMBINING SIGNALS, AND A RECEIVER

● PROCEDE DE COMBINAISON DE SIGNAUX ET RECEPTEUR CORRESPONDANT

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STÄHLE, Lauri** [FI/FI]; Tähtimötie 2 B 18, FIN-02620 Espoo (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster Oy AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

(11) **WO 98/42156** (13) A1

(21) PCT/HU98/00023

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) P 97 00594 (32) **17 Mar/mar 1997 (17.03.1997)** (33) HU

(43) 24 Sep/sep 1998 (24.09.1998)

(51)⁶ **H04Q 9/08**

(54) ● CIRCUIT ARRANGEMENT FOR PROVIDING A UNIT RECOGNIZING SYSTEM COMBINED WITH ENERGY SUPPLY

● AGENCEMENT DE CIRCUIT PERMETTANT DE REALISER UN SYSTEME DE RECONNAISSANCE D'UNITE COMBINE A UNE ALIMENTATION ELECTRIQUE

(71, 72) **CSÁNYI, László** [HU/HU]; Öv u. 193-195, E. II/9, H-1142 Budapest (HU).

(74) **S.B.G. & K. PATENT LAW OFFICES**; Andrassy út 113, H-1062 Budapest (HU).

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

Published / Publiée : (c)

(11) **WO 98/42157** (13) A2

(21) PCT/CA98/00231

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

- (31) 2,200,010 (32) **14 Mar/mar 1997** (33) CA (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04Q 11/00**
- (54) ● PROCESS MANAGEMENT INFRASTRUCTURE
● INFRASTRUCTURE DE GESTION DE PROCESSUS
- (71) **CROSSKEYS SYSTEMS CORPORATION** [CA/CA]; 350 Terry Fox Drive, Kanata, Ontario K2K 2W5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WACLAWIK, Richard** [CA/CA]; 27 Carbery Drive, Stittsville, Ontario K2S 1E5 (CA).
- (74) **MITCHELL, Richard, J.**; Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (CA).
- (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/42158** (13) A1
- (21) PCT/FR98/00509
- (22) **12 Mar/mar 1998** (12.03.1998)
- (25) fr (26) fr
- (31) 97/03360 (32) **19 Mar/mar 1997** (33) FR (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04R 3/00**
- (54) ● METHOD FOR RESTORING THE SOUNDS OF A SPORT EQUIPMENT AND SPORT EQUIPMENT FOR IMPLEMENTING SAME
● PROCEDE POUR LA RESTITUTION DES BRUITS D'UN ACCESSOIRE SPORTIF ET ARTICLE DE SPORT POUR LA MISE EN OEUVRE D'UN TEL DISPOSITIF
- (71) **SOUND-BALL S.A.R.L.** [FR/FR]; 7, rue François Quesnay, F-78490 Mere (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOETGHELUCK, Rémy** [FR/FR]; 31, Grand-Place, F-59114 Steenvoorde (FR). **GOETGHELUCK, Pascal** [FR/FR]; 7, rue François Quesnay, F-78490 Mere (FR).
- (74) **BREESE, Pierre**; Breese - Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/42159** (13) A1
- (21) PCT/US98/01357
- (22) **24 Jan/jan 1998** (24.01.1998)
- (25) en (26) en
- (31) 08/821,820 (32) **18 Mar/mar 1997** (33) US (18.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04R 5/02**
- (54) ● CENTER POINT STEREO REPRODUCTION SYSTEM FOR MUSICAL INSTRUMENTS
● SYSTEME DE REPRODUCTION STEREO-PHONIQUE CENTREE D'INSTRUMENTS DE MUSIQUE
- (71, 72) **DANIELS, Drew** [US/US]; 8831 Collette Avenue, North Hills, CA 91343-4825 (US). **PITTMAN, Richard, Aspen** [US/US]; 13994 Shimshaw Avenue, Sylmar, CA 91342 (US).
- (74) **McTAGGART, J., E.**; Suite 252, 290 Maple Court, Ventura, CA 93003 (US).
- (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42160** (13) A2
- (21) PCT/EP98/01526
- (22) **17 Mar/mar 1998** (17.03.1998)
- (25) de (26) de
- (31) 197 10 967 (32) **17 Mar/mar 1997** (33) DE (17.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04R 9/06**
- (54) ● BROADBAND LOUDSPEAKER
● HAUT-PARLEUR LARGE BANDE
- (71) **SORUS AUDIO AG** [-/DE]; Zimmerstrasse 16, D-46049 Oberhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÖPPEN, Detlef** [-/DE]; Westmarkstrasse 55, D-46149 Oberhausen (DE).
- (81) AU BA BB BG BR CA CN CU CZ EE HU ID IL IS JP KR LT LU LV MX NO NZ PL RU SG SK TR US VN YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42161** (13) A2
- (21) PCT/GB98/00813
- (22) **18 Mar/mar 1998** (18.03.1998)
- (25) en (26) en
- (31) 9705565.1 (32) **18 Mar/mar 1997** (33) GB (18.03.1997)
- (31) 9707962.8 (32) **19 Apr/avr 1997** (33) GB (19.04.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04S 1/00**
- (54) ● TELEPHONIC TRANSMISSION OF 3D SOUND
● TRANSMISSION TELEPHONIQUE D'UN SON A TROIS DIMENSIONS
- (71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MONTEITH, David** [GB/GB]; 31 St. Peters Street, Islington, London N1 8JP (GB). **SIBBALD, Alastair** [GB/GB]; 18 Horseguards Drive, Maidenhead, Berkshire SL6 1XL (GB). **TODD, Martin, Peter** [GB/GB]; 17 Honeycroft Hill, Uxbridge, Middlesex UB10 9NQ (GB).
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- (74) **WALKER, Neville, Daniel, Alan**; QED Intellectual Property Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).
- (81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42162** (13) A2
- (21) PCT/US98/03882
- (22) **26 Feb/fév 1998** (26.02.1998)
- (25) en (26) en
- (31) 08/819,582 (32) **14 Mar/mar 1997** (33) US (14.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H04S 3/00**
- (54) ● MULTIDIRECTIONAL AUDIO DECODING
● DECODAGE AUDIO MULTIDIRECTIONNEL
- (71) **DOLBY LABORATORIES LICENSING CORPORATION** [US/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US).
- (72) **DAVIS, Mark, F.**; 1110 Manzanita Drive, Pacifica, CA 94044 (US). **FIELDER, Louis, D.**; 1210 Tuolumne Road, Millbrae, CA 94030 (US). **FELDLERS, Matthew, C.**; Apartment 702, 1890 Clay Street, San Francisco, CA 94109 (US).
- (74) **GALLAGHER, Thomas, A.** et al. / etc.; Gallagher & Lathrop, Suite 1111, 601 California Street, San Francisco, CA 94108-2805 (US).
- (81) AU CA JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/42163** (13) A1
- (21) PCT/US98/05252
- (22) **18 Mar/mar 1998** (18.03.1998)
- (25) en (26) en
- (31) 08/820,784 (32) **19 Mar/mar 1997** (33) US (19.03.1997)
- (43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H05B 3/06**
- (54) ● CONDENSATION CONTROL SYSTEM FOR HEATED INSULATING GLASS UNITS
● SYSTEME DE REGLAGE DE CONDENSATION POUR BLOCS-FENETRES A VITRAGE ISOLANT CHAUFFES
- (71) **LIBBEY-OWENS-FORD CO.** [US/US]; 811 Madison Avenue, Toledo, OH 43697 (US).
- (72) **MILLETT, Fred, A.**; 1248 Sandy Glen Drive, Perrysburg, OH 43551 (US). **TEDER, Rein, S.**; 9401 Xylon Avenue South, Bloomington, MN 55438 (US). **GERHARDINGER, Peter, F.**; 1727 Glendel Lane, Toledo, OH 43614 (US).
- (74) **OBERLIN, Phillip, S.**; Marshall & Melhorn, 8th floor, Four SeaGate, Toledo, OH 43604 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/42164** (13) A1
 (21) PCT/DE98/00791
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) de (26) de
 (31) 197 11 453.9 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05B 7/144, 7/148**
 (54) ● REGULATION OR CONTROL OF A FUSION PROCESS IN A THREE-PHASE CURRENT ARC FURNACE
 ● REGULATION OU COMMANDE DE LA FUSION DANS UN FOUR A ARC DIRECT A COURANT TRIPHASE
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **POPPE, Thomas** [DE/DE]; Klematisstrasse 8, D-80689 München (DE). **SIEBER, Albrecht** [DE/DE]; Speckweg 14, D-91096 Möhrendorf (DE).
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Published / Publiée : (c)

- (11) **WO 98/42165** (13) A1
 (21) PCT/US98/05152
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 08/819,156 (32) **17 Mar/mar 1997 (17.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05B 37/02**
 (54) ● BALLAST METHOD AND APPARATUS AND COUPLING THEREFOR
 ● APPAREIL BALLAST ET PROCEDE CORRESPONDANT, AINSI QUE COUPLAGE DE CE DERNIER
 (63) US 08/819,156 (CIP) 17 Mar/mar 1997 (17.03.1997)
 (71) **ANTHONY'S MANUFACTURING COMPANY, INC.** [US/US]; 12812 Arroyo Street, San Fernando, CA 91342 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YOON, Doo, Eun** [KR/US]; 376 Race Street, San Jose, CA 95126 (US). **SHIN, Eun, Chul** [KR/US]; 1234 Oak Knoll Drive, San Jose, CA 95126 (US). **HAN, Cheong, Bon** [KR/US]; 4088 Woodford Drive, San Jose, CA 95124 (US).
 (74) **HENRICKS, James, A.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/42166** (13) A1
 (21) PCT/EP98/01382

- (22) **10 Mar/mar 1998 (10.03.1998)**
 (25) de (26) de
 (31) 197 11 342.7 (32) **18 Mar/mar 1997 (18.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05F 3/04, B41F 3/00, H01T 19/04, B41F 23/00**
 (54) ● ACTIVE DISCHARGE ELECTRODE FOR MINIMIZING POSITIVE AND/OR NEGATIVE CHARGES ON MOVING MATERIAL WEBS
 ● ELECTRODE DE DECHARGE ACTIVE POUR MINIMISER LES CHARGES POSITIVES ET/OU NEGATIVES SUR DES BANDES DE MATERIAU EN MOUVEMENT
 (71) **ELTEX-ELEKTROSTATIK GMBH** [DE/DE]; Neudorfer Strasse 5, D-79576 Weil (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HAHNE, Ernst, August** [DE/CH]; Oberer Rosenbergweg 26, CH-4123 Allschwil (CH). **KNOPF, Franz** [DE/DE]; Kantstrasse 2, D-77815 Bühl (DE).
 (74) **SÄGER, Manfred**; Postfach 505, CH-9004 St. Gallen (CH).
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- (11) **WO 98/42167** (13) A2
 (21) PCT/DE98/00759
 (22) **13 Mar/mar 1998 (13.03.1998)**
 (25) de (26) de
 (31) 197 11 480.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05K 3/00**
 (54) ● METHOD AND DEVICE FOR MEASURING A DEVICE FOR PRODUCING ELECTRICAL COMPONENTS
 ● PROCEDE ET DISPOSITIF POUR MESURER UN DISPOSITIF PERMETTANT DE FABRIQUER DES COMPOSANTS ELECTRIQUES
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HÜTTNER, Stefan** [DE/DE]; Klenzestrasse 60, D-80469 München (DE). **MISCHE, Ekkard** [DE/DE]; Am Bahndamm 37, D-85469 Walpertskirchen (DE). **MÜLLER, Werner** [DE/DE]; Südstrasse 1, D-82008 Unterhaching (DE).
 (81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42168** (13) A1
 (21) PCT/EP98/01368
 (22) **10 Mar/mar 1998 (10.03.1998)**
 (25) de (26) de
 (31) 197 10 767.2 (32) **16 Mar/mar 1997 (16.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05K 7/14**
 (54) ● ELECTRICAL OR ELECTRONIC DEVICE
 ● APPAREIL ELECTRIQUE OU ELECTRONIQUE

- (71) **PHOENIX CONTACT GMBH & CO.** [DE/DE]; Flachmarktstrasse 8-28, D-32825 Blomberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FEYE-HOHMANN, Jürgen** [DE/DE]; Behringstrasse 11, D-32756 Detmold (DE).
 (74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Postfach 10 13 54, D-45013 Essen (DE).
 (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/42169** (13) A2
 (21) PCT/DE98/00670
 (22) **6 Mar/mar 1998 (06.03.1998)**
 (25) de (26) de
 (31) 297 04 885.6 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05K 7/20**
 (54) ● DEVICE FOR DISSIPATING HEAT FROM A HEAT SOURCE LOCATED IN A HOUSING
 ● DISPOSITIF SERVANT A DISSIPER LA CHALEUR PROVENANT D'UNE SOURCE DE CHALEUR PLACEE DANS UN BOITIER
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RIEGER, Gottfried** [DE/DE]; Wilhelmstrasse 43, D-90766 Fürth (DE). **TIRPITZ, Michael** [DE/DE]; Gladiolenweg 15, D-90768 Fürth (DE).
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- (11) **WO 98/42170** (13) A1
 (21) PCT/US98/04921
 (22) **12 Mar/mar 1998 (12.03.1998)**
 (25) en (26) en
 (31) 819,796 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
 (43) 24 Sep/sep 1998 (24.09.1998)
 (51)⁶ **H05K 9/00**
 (54) ● CIRCULAR STRIPLINE PACKAGE INCORPORATING A LOW NOISE AMPLIFIER
 ● BOITIER CIRCULAIRE DE GUIDE D'ONDES A RUBANS INCORPORANT UN AMPLIFICATEUR A FAIBLE NIVEAU DE BRUIT
 (71) **RAYTHEON COMPANY** [US/US]; 7200 Hughes Terrace, P.O. Box 80028, Los Angeles, CA 90045-0066 (US).
 (72) **TORGESON, George, P.**; 2582 W. Crawford Street, Tucson, AZ 85745 (US). **HALLIDAY, John, J.**; 4450 N. Paseo De Los Cerritos, Tucson, AZ 85745 (US). **GORDON, Allen, H.**; 11292 E. Placita Molino, Tucson, AZ 85749 (US).
 (74) **ALKOV, Leonard, A.**; Raytheon Company, 7200 Hughes Terrace, P.O. Box 80028, Los Angeles, CA 90045-0066 (US) et al. / etc.
 (81) AU CA IL JP KR NO NZ TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/42171** (13) A2
(21) PCT/DE98/00816
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) de (26) de
(31) 197 11 476.8 (32) **19 Mar/mar 1997 (19.03.1997)** (33) DE
(43) 24 Sep/sep 1998 (24.09.1998)
- (51)⁶ **H05K 13/08**
(54) ● METHOD AND DEVICE FOR GAUGING A DEVICE FOR PRODUCING ELECTRICAL COMPONENTS
● PROCEDE ET DISPOSITIF DE MESURE D'UN EQUIPEMENT DE FABRICATION DE COMPOSANTS ELECTRIQUES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHIEBEL, Günter** [DE/DE]; Halske Strasse 7, D-81379 München (DE).
(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).