

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/16095** (13) A2
(21) PCT/US97/18297
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) en (26) en
(31) 08/729,548 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51) Not classified / non classée
(54) LIGHTWEIGHT MOTORIZED WHEELCHAIR FAUTEUIL ROULANT MOTORISE LEGER
(71) **ROAMER TECHNOLOGIES, INC.** [US/US]; 590 Centreville Road 172, Lancaster, PA 17601 (US).
(72) **CHOI, Oong**; 2958 Kings Lane, Lancaster, PA 17601 (US). **INGLE, Fred, E.**; 17 Pilgrim Drive, Lancaster, PA 17601 (US).
(74) **GOLUB, Daniel, H.**; Reed Smith Shaw & McClay LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103-7301 (US).
(81) AU BR 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 98/16096** (13) A1
(21) PCT/SE97/01529
(22) **11 Sep/sep 1997 (11.09.1997)**
(25) sv (26) en
(31) 9603819-5 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A01D 34/63 // B60B 19/00, A01D 73/00
(54) ROTARY LAWN MOWER AND ROTARY UNIT THEREFOR TONDEUSE A GAZON ROTATIVE ET SON ENSEMBLE ROTATIF
(71) **MATS FISCHIER I BÅSTAD AB** [SE/SE]; Karup 3160, S-269 00 Båstad (SE).
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(72, 75) **FISCHIER, Mats** [SE/SE]; Karup 3160, S-269 93 Båstad (SE).
(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).
(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 98/16097** (13) A1
(21) PCT/JP97/03664
(22) **13 Oct/oct 1997 (13.10.1997)**
- (25) ja (26) ja
(31) 8/271045 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A01G 1/00, 31/00
(54) METHOD FOR PRODUCING POTATO TUBERS METHODE DE PRODUCTION DE TUBERCULES DE POMME DE TERRE
(71) **JAPAN TOBACCO INC.** [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **OKA, Ichiro** [JP/JP]; Japan Tobacco Inc., Hydroponics R & D Center, 38, Sakai-machi, Sasahima-gun, Ibaraki 306-04 (JP). **OHNO, Takahiro** [JP/JP]; Japan Tobacco Inc., Plant Breeding and Genetics, Research Laboratory, 700, Higashibara, Toyoda-cho, Iwata-gun, Shizuoka 438 (JP).
(74) **TANIGAWA, Hidejiro**; Tanigawa and Associates, Iwata Building, 6F, 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102 (JP).
(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 98/16098** (13) A1
(21) PCT/GB97/02893
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 9621582.7 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A01G 1/04
(54) HANDLING OF MUSHROOMS MANIPULATION DE CHAMPIGNONS
(71) **PICK AND PACK SYSTEMS LTD.** [GB/GB]; Eastways, 11 Buxton Road, Frettenham, Norwich, Norfolk NR12 7NG (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **RUSSELL, Tony, Albert** [GB/GB]; Eastways, 11 Buxton Road, Frettenham, Norwich, Norfolk NR12 7NG (GB).
(74) **GILLAM, Francis, Cyril** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 1ST (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).
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- (11) **WO 98/16099** (13) A1
(21) PCT/NL97/00564
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) nl (26) en
(31) 1004260 (32) **11 Oct/oct 1996 (11.10.1996)** (33) NL
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A01K 1/01
(54) MANURE-COLLECTION DEVICE DISPOSITIF DE RAMASSAGE DU LISIER
(71, 72) **POORTVLIET, Marinus, Giovanni** [NL/NL]; Bosweg 19, NL-9865 XB Opende (NL).
(74) **DE BRUIJN, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16100** (13) A1
(21) PCT/DK97/00408
(22) **26 Sep/sep 1997 (26.09.1997)**
(25) da (26) en
(31) 1143/96 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DK
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A01K 5/02
(54) SET FOR FEEDING APPARATUS FOR ANIMALS, ESPECIALLY PIGS. USE OF THE FEEDING APPARATUS AND A FEEDING APPARATUS ENSEMBLE D'ELEMENTS POUR APPAREIL D'ALIMENTATION D'ANIMAUX, EN PARTICULIER DE PORCINS, UTILISATION DE CET APPAREIL D'ALIMENTATION ET APPAREIL D'ALIMENTATION
(71) **M.H. JENSEN MASKINFABRIK APS** [DK/DK]; Baldersvej 7, DK-8850 Bjerringbro (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **JENSEN, Mogens, Hubert** [DK/DK]; Lyngvej 11, DK-8850 Bjerringbro (DK).
(74) **LARSEN & BIRKEHOLM A/S**; Skandinavisk Patentbureau, Banegårdspladsen 1, P.O. Box 362, DK-1570 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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16101** (13) A1
 (21) PCT/US97/18649
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/732,782 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (31) 08/732,784 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 1/02, C12Q 1/70, G01N 33/567, 33/554, 33/563, 33/543, 33/553, 33/545, C12N 7/02
 (54) REAGENT SYSTEM AND KIT FOR DETECTING HIV INFECTED CELLS
 SYSTEME REACTIF ET TROUSSE POUR LA DETECTION DE CELLULES INFECTEES PAR LE VIH
 (63) US Not furnished /
 non communiqué (CIP)
 Not furnished /
 non communiqué
 (71) **BIO-TECH IMAGING, INC.** [US/US]; Suite E, 5320 Spectrum Drive, Frederick, MD 21703 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HALLOWITZ, Robert, A.** [US/US]; 20316 Aspenwood Lane, Gaithersburg, MD 20879 (US).
KING, Chester, F. [US/US]; 1641 Shookstown Road, Frederick, MD 21702 (US).
 (74) **MOSES, John, R.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (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 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 98/16102** (13) A1
 (21) PCT/US97/18350
 (22) **6 Oct/oct 1997 (06.10.1997)**
 (25) en (26) en
 (31) 08/733,285 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 25/02, 25/30, 47/36
 (54) A STABILIZED LIQUID EMULSIFIABLE CONCENTRATE FOR A SULFONYL OR SULFAMOYLUREA HERBICIDE

CONCENTRE EMULSIFIABLE, LIQUIDE ET STABILISE, QUI EST DESTINE A UN HERBICIDE A BASE DE SULFONYLE OU DE SULFAMOYLUREE

- (71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).
 (72) **NARAYANAN, Kolazi, S.**; 33 Carol Place, Wayne, NJ 07470 (US). **IANNIELLO, Robert, M.**; 5330 Berkshire Valley Road, Oak Ridge, NJ 07438 (US).
 (74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, Legal Dept., Building 10, 1361 Alps Road, Wayne, NJ 07470 (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 98/16103** (13) A1

- (21) PCT/GB97/02834
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 9621370.7 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 25/04, C05C 1/00, C05G 5/00
 (54) AGROCHEMICAL COMPOSITIONS
 COMPOSITIONS AGROCHIMIQUES
 (71) **CRODA INTERNATIONAL PLC** [GB/GB]; Cowick Hall, Snaith, Goole, North Humberside DN14 9AA (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **COUPLAND, David** [GB/GB]; 5 Downe Close, East Cowick, North Humberside DN14 9EY (GB). **COUPLAND, Keith** [GB/GB]; 2 White Cottages, South Cliffe, Hotham, Yorkshire YO4 3UX (GB). **LOVE, Barry** [GB/GB]; 8 The Ridings, Molescroft, Beverley, North Humberside HU17 7ER (GB).
 (74) **WAIN, Christopher, Paul** et al. / etc.; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).
 (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 98/16104** (13) A1
 (21) PCT/US97/18826
 (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) en (26) en
 (31) 08/733,155 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 25/08
 (54) ANTIMICROBIAL LIPIDS
 LIPIDES ANTIMICROBIENS
 (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; 100 Headquarters Park Drive, Skillman, NJ 08558 (US).

(72) **WILLE, John, J.**; 9 Georgetown-Chesterfield Road, Trenton, NJ 08620 (US). **WERTZ, Philip, W.**; Dow Institute of Dental Research, College of Dentistry, University of Iowa, Iowa City, IA 52242-1320 (US). **NJEHA, Francois, K.**; 193 Berger Street, Somerset, NJ 08873 (US). **KYDONIEUS, Agis**; 17 Savage Road, Kendall Park, NJ 08824 (US).

(74) **KILCOYNE, John, M.**; Bristol-Myers Squibb Company, 100 Headquarters Park Drive, Skillman, NJ 08558 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16105** (13) A1

- (21) PCT/EP97/05535
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) de (26) de
 (31) 196 41 939.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
 (31) 196 42 879.3 (32) **17 Oct/oct 1996 (17.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 25/14, 25/26
 (54) SOLID PHYTOSANITARY AGENT
 AGENT PHYTOSANITAIRE SOLIDE
 (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RUNGE, Frank** [DE/DE]; Burgunders-trasse 1a, D-67133 Maxdorf (DE). **ZWISSLER, Georg, Konrad** [DE/DE]; Holzweg 87, D-67098 Bad Dürkheim (DE). **HORN, Dieter** [DE/DE]; Schröderstrasse 69, D-69120 Heidelberg (DE). **END, Lutz** [DE/DE]; Hans-Sachs-Ring 135, D-68199 Mannheim (DE). **KOBER, Reiner** [DE/DE]; Im Schlittweg 20, D-67136 Fußgönheim (DE). **SCHNEIDER, Karl-Heinrich** [DE/DE]; Am Kelleracker 20, D-67271 Kleinkarlbach (DE). **STADLER, Reinhold** [DE/DE]; Gartenstrasse 18, D-67489 Kirrweiler (DE). **ZIEGLER, Hans** [DE/DE]; Pfalzring 91, D-67112 Mutterstadt (DE). **RADEMACHER, Wilhelm** [DE/DE]; Austrasse 1, D-67117 Limburgerhof (DE). **SCHMIDT, Oskar** [DE/DE]; Greifengasse 15, D-67105 Schifferstadt (DE). **HARRIES, Volker** [DE/DE]; Immengärtenweg 29e, D-67227 Frankenthal (DE). **SAUR, Reinhold** [DE/DE]; Königsberger Strasse 9, D-67459 Böhl-Iggelheim (DE).

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

(81) BR BY JP RU UA UG 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 98/16106** (13) A1
 (21) PCT/GB97/02853
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 9621589.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A01N 25/16, 53/00 // (A01N 53/00, 53:00, 25:16, 25:06)

- (54) PESTICIDAL METHODS, COMPOSITIONS AND DEVICES
PROCEDES, COMPOSITIONS ET DISPOSITIFS PESTICIDES
- (71) **GLOBOL CHEMICALS (UK) LIMITED** [GB/GB]; Station Road, Bampton, Devon EX16 9NG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Nigel, Peter** [GB/GB]; Chackeridge Cottage, Ashbrittle, Wellington, Somerset TA21 0LJ (GB).
- (74) **BROWN, David, Leslie**; Page Hargrave, Temple Gate House, Temple Gate, Bristol BS1 6PL (GB).
- (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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16107** (13) A1

(21) PCT/EP97/05639

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 2525/96 (32) **16 Oct/oct 1996 (16.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A01N 43/28, A61K 31/335

(54) METHOD FOR THE PREVENTION OF THE REINFESTATION OF WARM-BLOODED ANIMALS BY ECTOPARASITES
PROCEDE DESTINE A PREVENIR UNE REINFESTATION D'ANIMAUX A SANG CHAUD PAR DES ECTOPARASITES

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARRER, Friedrich** [CH/CH]; Rebbegstrasse 5, CH-4800 Zofingen (CH). **GÖBEL, Thomas** [DE/DE]; Schönaustrasse 1, D-79540 Lörrach (DE). **HUMBERT-DROZ, Eliane** [CH/CH]; Route de Noreaz 108, CH-1772 Pontaux (CH).

(74) **ROTH, Bernhard, M.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16108** (13) A1

(21) PCT/US97/17263

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 08/731,578 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A01N 43/40 // (A01N 43/40, 33:12)

(54) SYNERGISTIC ANTIMICROBIAL COMPOSITIONS CONTAINING AN IONENE POLYMER AND A PYRITHIONE SALT AND METHODS OF USING THE SAME
COMPOSITIONS ANTIMICROBIENNES SYNERGIQUES CONTENANT UN POLYMERE D'IONENE ET UN SEL DE PYRITHIONE, ET PROCEDES D'UTILISATION DE CELLES-CI

(71) **BUCKMAN LABORATORIES INTERNATIONAL, INC.** [US/US]; 1256 North McLean Boulevard, Memphis, TN 38108-0305 (US).

(72) **OPPONG, David**; 2762 Hickory Point Cove #2, Memphis, TN 38155 (US). **FÜES, Russel, E.**; 5592 Milan Road, Memphis, TN 38120 (US). **VUNK, Graciela, H.**; 3215 Oakwood Cove, Olive Branch, MS 38654 (US).

(74) **KILYK, Luke, A.**; Armstrong, Westerman, Hattori, McLeland & Naughton, Suite 1000, 1725 K. Street, N.W., Washington, DC 20006 (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 98/16109** (13) A1

(21) PCT/IB97/01276

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621505.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A01N 59/00, 59/20, 59/16, C09D 5/16 // (A01N 59/20, 61:00) (A01N 59/16, 61:00)

(54) CHEMICAL SYSTEM GENERATING REACTIVE OXYGEN SPECIES CONTINUOUSLY AND METHODS OF USING SAME
SYSTEME CHIMIQUE GENERANT DES ESPECES D'OXYGENE REACTIVES EN CONTINU ET LEURS PROCEDES D'UTILISATION

(71) **GYRE LTD.** [GB/GB]; 19 Brockwell Park Gardens, London SE24 9BL (GB).
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(72, 75) **GOLDSMITH, Neil** [GB/DK]; Lunagervej 34, DK-2650 Hvidovre (DK). **KOCH, Troels** [DK/DK]; Funkiaevj 47, DK-2300 Copenhagen S (DK). **OERUM, Henrik** [DK/DK]; Vildrosevej 3, DK-3500 Vaerloese (DK). **PARADIS, Paul** [GB/GB]; 35 Regent Road, London SE24 0EL (GB).

(74) **PLOUGMANN, VINGTOFT & PARTNERS**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (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 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 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 98/16110** (13) A1

(21) PCT/US97/18343

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,722 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A01N 63/04, C07K 14/37, C12Q 1/68, C12N 1/14 // (C12N 1/14, C12R 1:645)

(54) BIOCONTROL OF FUNGAL SOILBORNE PATHOGENS BY *PYTHIUM OLIGANDRUM*
LUTTE BIOLOGIQUE CONTRE DES PATHOGENES FONGIQUES CONTENUS DANS LE SOL, UTILISANT *PYTHIUM OLIGANDRUM*

(71) **UNIVERSITY OF FLORIDA** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(72) **MARTIN, Frank, N.**; 23560 Pine Canyon Road, Salinas, CA 93908 (US).

(74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwan-chik, Lloyd & Saliwan-chik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).

(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 SD SG SI SK SL TR TT UA 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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(31) 08/730,772 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A01N 65/00, 31/08, A61K 9/48, 9/20, 9/22, 9/28

(54) ENTERIC FORMULATIONS OF PROANTHOCYANIDIN POLYMER ANTIDIARRHEAL COMPOSITIONS
FORMULATIONS ENTERALES DE COMPOSITIONS POLYMERES PRO-ANTHOCYANIDIQUES A PROPRIETES ANTI-DIARRHEIQUES

(71) **SHAMAN PHARMACEUTICALS, INC.** [US/US]; 213 East Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ROZHON, Edward, J.**; 523 San Carlos Avenue, El Granada, CA 94018-2291 (US). **KHANDWALA, Atul, S.**; 4 Marigold Lane, San Carlos, CA 94070 (US). **SABOUNI, Akram**; 570 Sierra Street, Moss Beach, CA 94038 (US).

(74) **BALDWIN, Geraldine, F.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16112** (13) A1
(21) PCT/DK97/00427
(22) **6 Oct/oct 1997 (06.10.1997)**
(25) en (26) en
(31) 1127/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A21D 8/04, 2/26
(54) USE OF A CARBOHYDRATE BINDING DOMAIN IN BAKING UTILISATION D'UN DOMAINE FIXANT LES HYDRATES DE CARBONE EN BOULANGERIE
(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FUGLSANG, Claus, Crone** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
JØRGENSEN, Ole, Bill [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
(74) **NOVO NORDISK A/S**; Corporate Patents, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16113** (13) A1
(21) PCT/FR97/01843
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) fr (26) fr
(31) 96/12780 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A22B 5/00
(54) METHOD AND DEVICE FOR DISJOINTING THE HEAD OF A SLAUGHTERED ANIMAL PROCEDE ET DISPOSITIF DE DEJOINTAGE DE TETE D'ANIMAL ABATTU
(71) **DURAND INTERNATIONAL** [FR/FR]; Quartier des Buis, F-07210 Baix (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VAN HOREEBECK, Jean** [FR/FR]; 13, chemin de Chaudabri, F-07200 Aubenas (FR). **AMBROIS, Gilles** [FR/FR]; 1, chemin des Acacias, F-26320 Saint Marcel lès Valence (FR).
(74) **DERAMBURE, Christian**; Bouju Derambure Bagnion, 52, rue de Monceau, F-75008 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16114** (13) A2
(21) PCT/US97/15084
(22) **27 Aug/Août 1997 (27.08.1997)**
- (25) en (26) en
(31) 08/731,295 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A22C
(54) SHIRRED FOOD CASING END SYSTEM SYSTEME D'EXTREMITE DE BOYAU FRONCE
(71) **ALFACEL S.A.** [ES/ES]; Calle Caleruega, 81, 6^oA, E-28033 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STALL, Alan, David** [US/US]; 23 W. 540 James Way, Naperville, IL 60540 (US).
(74) **SHARP, Jeffrey, S.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).
(81) BR CA ES 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 98/16115** (13) A1
(21) PCT/US97/18646
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/732,515 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A22C 11/00
(54) METHOD AND MEANS FOR COAGULATING THE OUTER SURFACE OF A SAUSAGE STRAND DISCHARGED FROM A SAUSAGE EXTRUDING MACHINE PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE SE COAGULER LA SURFACE EXTERNE D'UN CHAPELET DE SAUCISSE SORTANT D'UNE MACHINE A EXTRUDER DE LA SAUCISSE
(71) **TOWNSEND ENGINEERING COMPANY** [US/US]; 2425 Hubbell Avenue, Des Moines, IA 50317 (US).
(72) **KOBUSSEN, Jos**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US). **KOBUSSEN, Mart**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US). **KOBUSSEN, Jaap**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US).
(74) **ZARLEY, Donald, H.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (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).
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- (11) **WO 98/16116** (13) A1
(21) PCT/NL97/00561
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) nl (26) en
(31) 1004275 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NL
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A22C 21/06
(54) METHOD AND DEVICE FOR INSPECTING POULTRY PROCEDE ET DISPOSITIF D'INSPECTION DE VOLAILLE
(71) **NUTRECO INTERNATIONAL B.V.** [NL/NL]; Veerstraat 38, NL-5831 JN Boxmeer (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WINKELMOLEN, Christiaan, Johannes, Gerardus** [NL/NL]; Ruijsstraat 59, NL-5988 AA Helden (NL).
(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16117** (13) A1
(21) PCT/NL97/00570
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) nl (26) en
(31) 1004294 (32) **16 Oct/oct 1996 (16.10.1996)** (33) NL
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A23B 7/154, A23L 3/3526, A23C 15/20, A23J 1/20
(54) METHOD AND AGENT FOR INHIBITING QUALITY-REDUCING PROCESSES IN FOOD PRODUCTS PROCEDE ET AGENT D'INHIBITION DES PROCESSUS VISANT A DEGRADER LA QUALITE DE PRODUITS ALIMENTAIRES
(71) **INSTITUUT VOOR AGROTECHNOLOGISCH ONDERZOEK (ATO-DLO)** [NL/NL]; Bornsesteeg 59, NL-6708 PD Wageningen (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WICHERS, Harm, Jacob** [NL/NL]; Breehoven 74, NL-6721 SN Bennekom (NL). **BLOK, Robert, Isaac, Claus** [NL/NL]; Adriaen Beyerckade 172, NL-3515 XV Utrecht (NL).
(74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria**; Arnold & Siedsma, Sweelinkplein 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16118** (13) A1
(21) PCT/ES97/00251
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) es (26) es
(31) P 9602184 (32) **16 Oct/oct 1996 (16.10.1996)** (33) ES

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23B 7/157
- (54) PROCESS FOR THE CONSERVATION OF FRESH PEELED POTATOES
PROCEDE DE CONSERVATION DE POMMES DE TERRE PELEES FRAICHES
- (71) FUNDACION AZTI [ES/ES]; Isla de Txatxarramendi, E-48395 Sukarrieta (ES).
- (72) POZO CARRO, Rogelio; Isla de Txatxarramendi, E-48395 Sukarrieta (ES). GARCIA PALACIOS, Irene; Isla de Txatxarramendi, E-48395 Sukarrieta (ES). NUIN GONZALEZ, Maider; Isla de Txatxarramendi, E-48395 Sukarrieta (ES).
- (74) ESTEBAN PEREZ-SERRANO, M^a Isabel; Explanada, 8, E-28040 Madrid (ES).
- (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 98/16119 (13) A1
- (21) PCT/JP97/03631
- (22) 9 Oct/oct 1997 (09.10.1997)
- (25) ja (26) ja
- (31) 8/289172 (32) 11 Oct/oct 1996 (11.10.1996) (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23D 9/007
- (54) EDIBLE FATS CONTAINING ARACHIDONIC ACID AND FOODS CONTAINING THE SAME
GRAISSES COMESTIBLES CONTENANT DE L'ACIDE ARACHIDONIQUE ET ALIMENTS CONTENANT LESDITES GRAISSES
- (71) SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP). NIPPON SUISAN KAISHA, LTD. [JP/JP]; 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIGASHIYAMA, Kenichi [JP/JP]; 1-9-5-602, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 618 (JP). AKIMOTO, Kengo [JP/JP]; 1-9-5-1006, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 618 (JP). SHIMIZU, Sakayu [JP/JP]; 6-9, Tokiwayamashita-cho, Ukyo-ku, Kyoto-shi, Kyoto 616 (JP). DOISAKI, Nobushige [JP/JP]; Nippon Suisan Kaisha, Ltd., Central Research Laboratory, 559-6, Kitano-machi, Hachioji-shi, Tokyo 192 (JP). FURIHATA, Kiyomi [JP/JP]; Nippon Suisan Kaisha, Ltd., Central Research Laboratory, 559-6, Kitano-machi, Hachioji-shi, Tokyo 192 (JP).
- (74) SUDOU, Asako; 6-3-103, Kajino-cho 5-chome, Koganei-shi, Tokyo 184 (JP).
- (81) AU CA 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 98/16120 (13) A1
- (21) PCT/JP97/03738
- (22) 16 Oct/oct 1997 (16.10.1997)
- (25) ja (26) ja
- (31) 8/293131 (32) 16 Oct/oct 1996 (16.10.1996) (33) JP
- (31) 8/297076 (32) 21 Oct/oct 1996 (21.10.1996) (33) JP
- (31) 8/297077 (32) 21 Oct/oct 1996 (21.10.1996) (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23G 9/00
- (54) SHERBETS AND PROCESSES FOR THE PRODUCTION THEREOF
SORBETS ET LEURS PROCEDES DE FABRICATION
- (71) NIKKEN CHEMICALS CO., LTD. [JP/JP]; 4-14, Tsukiji 5-chome, Chuo-ku, Tokyo 104 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYASHI, Kaoru [JP/JP]; Nikken Chemicals Co., Ltd. Omiya Research Laboratory, 346, Kitabukurocho 1-chome, Omiya-shi, Saitama 330 (JP). KOHNO, Hiroyuki [JP/JP]; Nikken Fine Chemicals Co., Ltd. Nagoya Factory, 24-12, Kitahamacho, Chita-shi, Aichi 478 (JP). NAKASHIMA, Kyoko [JP/JP]; Nikken Fine Chemicals Co., Ltd. Nagoya Factory, 24-12, Kitahamacho, Chita-shi, Aichi 478 (JP). URAJI, Tatsuya [JP/JP]; Nikken Fine Chemicals Co., Ltd. Nagoya Factory, 24-12, Kitahamacho, Chita-shi, Aichi 478 (JP).
- (74) KUBOTA, Fujio et al. / etc.; E-1 Building, 3-12, Nihombashi 3-chome, Chuo-ku, Tokyo 103 (JP).
- (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 98/16121 (13) A1
- (21) PCT/US97/17478
- (22) 30 Sep/sep 1997 (30.09.1997)
- (25) en (26) en
- (31) 08/733,118 (32) 16 Oct/oct 1996 (16.10.1996) (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23K 1/00
- (54) HIGH PROTEIN, HIGH FAT EXTRUDED SINKING AQUATIC FEED
ALIMENT AQUATIQUE A HAUTE TENEUR EN PROTEINES ET DE LIPIDES CAPABLES DE COULER
- (71) WENGER MANUFACTURING, INC. [US/US]; 714 Main Street, Sabetha, KS 66534 (US).
- (72) WENGER, LaVon, G.; 1524 Centennial Drive, Sabetha, KS 66534 (US). HAUCK, Bobbie, W.; 603 Virginia, Sabetha, KS 66534 (US). OSTERHAUS, Elmer, J.; 409 N. 3rd, Seneca, KS 66538 (US).
- (74) COLLINS, John, M.; 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 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); EP (AT BE CH DE DK ES FI FR 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 98/16122 (13) A1
- (21) PCT/DE97/02321
- (22) 9 Oct/oct 1997 (09.10.1997)
- (25) de (26) de
- (31) 296 17 699.0 (32) 11 Oct/oct 1996 (11.10.1996) (33) DE
- (31) 296 21 726.3 (32) 14 Dec/déc 1996 (14.12.1996) (33) DE
- (31) 297 05 086.9 (32) 20 Mar/mar 1997 (20.03.1997) (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23L 1/164, A23P 1/08, 1/10, A23L 1/18
- (54) NIBBLING ARTICLES AND METHOD FOR THEIR PRODUCTION
ARTICLE A GRIGNOTER ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71, 72) DUBRIKOW, Rainer [DE/DE]; Urlashöhe 2, D-91207 Lauf (DE).
- (74) HAFNER, Dieter et al. / etc.; Ostendstrasse 132, D-90482 Nürnberg (DE).
- (81) AU CA CN IL JP NZ 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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- (11) WO 98/16123 (13) A1
- (21) PCT/US97/14494
- (22) 18 Aug/Août 1997 (18.08.1997)
- (25) en (26) en
- (31) 08/734,428 (32) 16 Oct/oct 1996 (16.10.1996) (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23L 3/3454
- (54) TREATMENTS TO REDUCE MOISTURE IN THE DEWATERING OF GRAIN-BASED CELLULOSIC MATERIALS
TRAITEMENTS POUR REDUIRE L'HUMIDITE AU COURS DU PROCESSUS D'ASSECHEMENT DE SUBSTANCES CELLULOSIQUES A BASE DE GRAINS
- (71) BETZDEARBORN INC. [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053-6783 (US).
- (72) PALARDY, William, J.; 12 Brinker Drive, Chalfont, PA 18914 (US).
- (74) PAIKOFF, Richard, A. et al. / etc.; Betz-Dearborn Inc., 4636 Somerton Road, Trevose, PA 19053-6783 (US).
- (81) BR CA CN MX.
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- (11) WO 98/16124 (13) A1
- (21) PCT/IB97/01252
- (22) 9 Oct/oct 1997 (09.10.1997)
- (25) en (26) en
- (31) 60/027,937 (32) 11 Oct/oct 1996 (11.10.1996) (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A23L 3/3508, 3/3571
- (54) FOODS AND ANIMAL FEEDS INCLUDING ANTIMYCOTIC AGENT COMPRISING A PROPIONIBACTERIA METABOLITE
ALIMENTS ET ALIMENTS POUR ANIMAUX COMPRENANT UN AGENT ANTIMYCOTIQUE PRESENTANT UN METABOLITE DE PROPIONOBACTERIES
- (71) RHONE-POULENC INC. [US/US]; Prospect Plains Road, Cranbury, NJ 08512-7500 (US).
- (72) KING, William; 140 Ygnacio Court, Walnut Creek, CA 94598 (US). MING, Xintian; Apartment 6, 281 N. Thomson Drive, Madison, WI 53714 (US). WEBER, George; 11240 S.W. Lynnvale Drive, Portland, OR 97225 (US).
- (74) SHEDDEN, John, A. et al. / etc.; Rhône-Poulenc Inc., Building N, Prospect Plains Road, Cranbury, NJ 08512-7500 (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).

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(21) PCT/CA97/00762

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 9621466.3 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(31) 60/037,562 (32) **11 Feb/fév 1997 (11.02.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A24D 1/00, A24F 13/00

(54) CIGARETTE SIDESTREAM SMOKE AND FREE-BURN RATE CONTROL DEVICE DISPOSITIF LIMITANT L'EMISSION DE FUMÉE LATÉRALE ET LA VITESSE DE COMBUSTION LIBRE D'UNE CIGARETTE ALLUMÉE

(71) **ROTHMANS, BENSON & HEDGES, INC.** [CA/CA]; 1500 Don Mills Road, North York, Ontario M3B 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNAIDR, Stanislav, M.** [CA/CA]; 4155 Sharonton Court, Mississauga, Ontario L5L 1Y0 (CA). **BOWEN, Larry** [CA/CA]; R.R. #2, Orangeville, Ontario L9W 2Y9 (CA). **BRACKMANN, Warren, A.** [US/US]; Highway 54 and J, R. R. #1, Box 137, Collins, MO 64738 (US).

(74) **WOODLEY, John, H.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16126** (13) A1

(21) PCT/US97/16709

(22) **22 Sep/sep 1997 (22.09.1997)**

(25) en (26) en

(31) 08/733,377 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A41B 13/10

(54) BIB HAVING CONCAVE SIDE EDGES BAVETTE PRÉSENTANT DES BORDS LATÉRAUX CONCAVES

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

(72) **JACKSON, Beverly, Ann, Julian**; 167 East Fairway Drive, Hamilton, OH 45013 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16127** (13) A1

(21) PCT/JP96/02976

(22) **14 Oct/oct 1996 (14.10.1996)**

(25) ja (26) ja

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A41D 27/00, 1/06, 1/14

(54) DEVICE FOR PREVENTING SHIRT OR BLOUSE FROM SLIPPING UP, AND CLOTHES PROVIDED WITH SAME DISPOSITIF SERVANT À EMPECHER UNE CHEMISE OU UNE BLOUSE DE GLISSER VERS LE HAUT ET VETEMENTS COMPORTANT CE DISPOSITIF

(71) **SKILL INCORPORATED** [JP/JP]; 86-1, Ohno-shibacho, Sakai-shi, Osaka 593 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAO, Hideto** [JP/JP]; 84-3, Ohno-shibacho, Sakai-shi, Osaka 593 (JP). **OKAMOTO, Keishi** [JP/JP]; 484-11, Hikishonishimachi, Sakai-shi, Osaka 591 (JP).

(74) **SUZUYE, Koichi** et al. / etc.; Osaka Fukokuseimei Building, Room 607, 2-4, Komatsubaracho, Kita-ku, Osaka-shi, Osaka 530 (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 98/16128** (13) A1

(21) PCT/US97/18579

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/729,959 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A42B 3/08, 3/04, 3/30

(54) EARCUP TENSION ADJUSTMENT STRAP ASSEMBLY SYSTÈME DE COURROIES DE REGLAGE DE LA TENSION DE PROTEGE-OREILLES

(71) **DOWN EAST, INC.** [US/US]; P.O. Box 328, Bridgton, ME 04009 (US).

(72) **HOWELL, Clarence, E.**; 10 Pleasant Street, Bridgton, ME 04009 (US).

(74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

(11) **WO 98/16129** (13) A1

(21) PCT/HU97/00060

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) U 96 00310 (32) **14 Oct/oct 1996 (14.10.1996)** (33) HU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A43B 5/02

(54) SPORTS SHOE CHAUSSURE DE SPORT

(71, 72) **OROSZI, László** [HU/HU]; Kossuth u. 35, H-2473 Vár (HU).

(74) **RÓNASZÉKI, Tibor**; Patinorg Ltd., Victor Hugo u. 6-8, H-1132 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 IL IS JP KE KG KP KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16130** (13) A1

(21) PCT/IB97/01323

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 60/029,129 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A45C 11/22, A45F 5/02

(54) WEATHER RESISTANT CLIP-ON WALLET PACK ETUI À PINCE RESISTANT AUX INTÉMPÉRIES

(71) **GLOBAL RAPID TECH INC.** [CA/CA]; 5101 Ure Street, Oldcastle, Ontario N0R 1L0 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LABA, André** [CA/CA]; 2730 St. Patricks, Windsor, Ontario N9E 3G6 (CA). **LABA, Jessie** [CA/CA]; 1636 Victoria, Windsor, Ontario N8X 1P7 (CA). **SLEIMAN, Tony** [CA/CA]; 10395 Menard Street, Windsor, Ontario N8P 1E9 (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; 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).

Published / Publiée : (c)

(11) **WO 98/16131** (13) A1

(21) PCT/JP96/02975

(22) **14 Oct/oct 1996 (14.10.1996)**

(25) ja (26) ja

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A45C 13/30

(54) SHOULDER-SUSPENDED ARTICLE AND SHOULDER STRAP ARTICLE SUSPENDU À L'ÉPAULE ET SANGLE D'ÉPAULE

(71) **SKILL INCORPORATED** [JP/JP]; 86-1, Ohno-shibacho, Sakai-shi, Osaka 593 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAO, Hideto** [JP/JP]; 84-3, Ohnoshibacho, Sakai-shi, Osaka 593 (JP). **OKAMOTO, Keishi** [JP/JP]; 484-11, Hikishonishimachi, Sakai-shi, Osaka 591 (JP).

(74) **SUZUYE Koichi** et al. / etc.; Osaka Fukokusei-me Building, Room 607, 2-4, Komatsubaracho, Kita-ku, Osaka-shi, Osaka 530 (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 98/16132** (13) A1

(21) PCT/AU97/00530

(22) **21 Aug/Août 1997 (21.08.1997)**

(25) en (26) en

(31) PO 2938 (32) **14 Oct/oct 1996 (14.10.1996)** (33) AU

(31) PO 3375 (32) **1 Nov/nov 1996 (01.11.1996)** (33) AU

(31) PO 6676 (32) **8 May/mai 1997 (08.05.1997)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A45F 3/16, 5/00

(54) **BOTTLE CARRIER**
SUPPORT PORTE-BOUEILLE

(71, 72) **GENDALA, Christopher, M.** [AU/AU]; 24 Broadway, Elwood, VIC 3184 (AU).

(74) **WILSON, Stephen, Henry**; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (AU).

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

(11) **WO 98/16133** (13) A2

(21) PCT/EP97/05601

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 196 42 391.0 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47B 7/02

(54) **MULTIPURPOSE TABLE**
TABLE A USAGE MULTIPLE

(71) **GEBRÜDER THONET GMBH** [DE/DE]; Michael-Thonet-Strasse 1, D-35066 Frankenberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCHAND, Christophe** [CH/CH]; Hardturmstrasse 116, CH-8005 Zürich (CH). **HÄBERLI, Alfredo, Walter** [CH/CH]; Hardturmstrasse 116, CH-8005 Zürich (CH).

(74) **RUTETZKI, Andreas**; Müller-Boré & Partner, Grafinger Strasse 2, D-81671 München (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 98/16134** (13) A1

(21) PCT/US97/18557

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/730,304 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47B 9/00

(54) **ADJUSTABLE HEIGHT LOAD BEARING SUPPORT STRUCTURE**
STRUCTURE DE SUPPORT A HAUTEUR REGLABLE PREVUE POUR PORTER DES CHARGES

(71) **HON INDUSTRIES, INC.** [US/US]; 414 East Third Street, Muscatine, IA 52761-7109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACHAEL, Jay, R.** [-/US]; 9 Coventry Lane #3, Muscatine, IA 52761 (US).

(74) **SANDLER, Ronald, A.** et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker Drive, Chicago, IL 60601-1692 (US).

(81) AL AM AU BA BB BG BR CA CN CU CZ EE GE GH HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA 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 98/16135** (13) A1

(21) PCT/IB97/01212

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 2509/96 (32) **15 Oct/oct 1996 (15.10.1996)** (33) CH

(31) 1313/97 (32) **2 Jun/juin 1997 (02.06.1997)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47B 83/00

(54) **MOVABLE OFFICE FURNITURE**
INSTALLATION MOBILE DE BUREAU

(71) **PROTONED B.V.** [NL/NL]; Assumburg 73, NL-1081 GB Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÄUNING, Egon** [DE/DE]; Freiburger Strasse 66, D-76579 Weil am Rhein (DE).

(74) **ULLRICH, G.**; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36-38, Postfach 160, CH-4003 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16136** (13) A1

(21) PCT/EP97/05637

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) BO96A000512 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47B 87/00, 83/00

(54) **A FURNITURE SYSTEM COMPRISING WORKTOPS THAT CAN BE EQUIPPED WITH FITTINGS**

SYSTEME DE MEUBLE COMPRENANT DES PLANS DE TRAVAIL POUVANT ETRE EQUIPEES D'ACCESSOIRES

(71) **CASTELLI S.P.A.** [IT/IT]; Via Olmatello, 21, I-40064 Ozzana dell'Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIOACCHINI, Nilo** [IT/IT]; Località Bardiglioni, I-50060 Pelago (IT). **MITTINO, Giuseppe** [IT/IT]; Via Pastrango, 28, I-20013 Magenta (IT).

(74) **PROVVISIONATO, Paolo**; Provvisionato & Co. S.r.l., Via Mascarella, 85, I-40126 Bologna (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16137** (13) A1

(21) PCT/US97/13066

(22) **6 Aug/Août 1997 (06.08.1997)**

(25) en (26) en

(31) 08/729,551 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 1/02

(54) **MODULAR RECLINING CHAIR HAVING IMPROVED CHAIR FRAME AND PANTOGRAPH LINKAGE**
FAUTEUIL INCLINABLE MODULAIRE A ARMATURE AMELIOREE ET MECANISME D'ARTICULATION DE TYPE PANTOGRAPHE

(63) US 08/729,551 (CON)
11 Oct/oct 1996 (11.10.1996)

(71) **LA-Z-BOY INCORPORATED** [US/US]; 1284 N. Telegraph Road, Monroe, MI 48162 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAPointe, Larry, P.** [US/US]; 1066 Substation Road, Temperance, MI 48182 (US). **WRIGHT, Dennis, W.** [US/US]; 6481 N. Custer Road, Monroe, MI 48162 (US). **KOMOROWSKI, Karl, J.** [US/US]; 15696 LuLu Road, Petersburg, MI 49270 (US).

(74) **KELLER, Paul, A.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16138** (13) A1

(21) PCT/CH97/00378

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) de (26) de

(31) 2479/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) CH

(31) 2237/97 (32) **23 Sep/sep 1997 (23.09.1997)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 1/032

(54) CHAIR, SPECIALLY AN OFFICE CHAIR
SIEGE, NOTAMMENT SIEGE DE BUREAU

(71) **GIROFLEX ENTWICKLUNGS AG** [CH/CH];
Landstrasse 45, CH-5322 Koblenz (CH).
(for all designated States except / pour tous les États
désignés sauf US)

(71, 72) **EMMENEGER, Wolfgang** [DE/DE]; Sonnenrain 2a, D-79790 Dangstetten (DE). **ERNE, Anton** [CH/CH]; Unterdorf 306, CH-5324 Full (CH). **HUBER, Jörg** [CH/CH]; Schürmattstrasse 36, CH-5234 Villingen (CH).

(74) **ALTHOFF, Gerhard**; Lättenstrasse 6a, CH-8185 Winkel (CH).

(81) BR 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 98/16139** (13) A1

(21) PCT/EP97/05643

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 296 17 851.9 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 3/026

(54) CHAIR
CHAISE

(71, 72) **RÖDER, Peter** [DE/DE]; Marktstrasse 144, D-60388 Frankfurt (DE).

(72, 75) **DESANTA, Simon** [DE/DE]; Schloßallee 18, D-33829 Borgholzhausen (DE).

(74) **STEINMEISTER, Helmut**; Arthur-Ladebeck-Strasse 51, D-33617 Bielefeld (DE).

(81) CA CN JP 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 98/16140** (13) A1

(21) PCT/IB97/01202

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) de (26) de

(31) 2507/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 5/06

(54) CHAIR FRAME, CONTROL MECHANISM AND UPHOLSTERY
CADRE, MECANISME DE REGLAGE ET REVETEMENT REMBOURRE POUR UN SIEGE

(71) **PROTONED B.V.** [NL/NL]; Assumburg 73, NL-1081 GB Amsterdam (NL).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **BRÄUNING, Egon** [DE/DE]; Freiburger Strasse 66, D-76579 Weil am Rhein (DE).

(74) **ULLRICH, G.**; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36-38, Postfach 160, CH-4003 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16141** (13) A1

(21) PCT/DE97/02333

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) 196 42 348.1 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 7/02, 7/46

(54) ADJUSTABLE SEAT
ASSISE REGLABLE

(71, 72) **MATHIEU, E.-Ulrich** [DE/DE]; Scharrenberg 9, D-55546 Frei-Laubersheim (DE).

(74) **DEMSKI, HEESEN, WEINGART**; Augustastrasse 15, D-40721 Hilden (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 98/16142** (13) A1

(21) PCT/US97/18615

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/730,969 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 7/02, 27/15, B32B 31/06, 31/20, C09J 5/06, 7/00

(54) METHOD OF FABRICATING A CUSHION ASSEMBLY
PROCEDE DE FABRICATION D'UN COUSSIN

(71) **FOAMEX L.P.** [US/US]; 1000 Columbia Avenue, Linwood, PA 19061 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KELLY, David, J.** [US/US]; 8 Concord Way, Chadds Ford, PA 19317 (US). **HASLANGER, Paul** [US/US]; 5 Woodbrook Road, Swathmore, PA 19081 (US).

(74) **ROGOWSKI, Patricia, Smink**; Connolly, Bove, Lodge & Hutz, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899-2207 (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; 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 98/16143** (13) A1

(21) PCT/GB97/02647

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 9621251.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47C 19/02, 19/00

(54) IMPROVEMENTS IN OR RELATING TO ALLERGEN-AVOIDANCE BEDS
AMELIORATIONS RELATIVES A DES LITS ANTIALLERGENES

(71) **THE PILGRIM BED LIMITED** [GB/GB]; 7 Riverside Avenue, East Molesey, Surrey KT8 0AE (GB).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **NOCKLES, Helen, Louise** [US/GB]; 7 Riverside Avenue, East Molesey, Surrey KT8 0AE (GB).

(74) **BURRINGTON, Alan, Graham, Headford**; Alan Burrington & Associates, 4 Burney Close, Great Bookham, Leatherhead, Surrey KT22 9HW (GB).

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

Published / Publiée : (c)

(11) **WO 98/16144** (13) A1

(21) PCT/IL97/00331

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/730,585 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47F 5/12, A47B 9/00, F16M 11/00

(54) A STAND FOR A MONITOR AND A KEYBOARD
SUPPORT POUR ECRAN ET CLAVIER

(71) **FINISH GROUP LTD.** [IL/IL]; Hadeshanim 48, 28102 Kiryat Ata (IL).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **CHARNY, Gad** [IL/IL]; Mevo Zeev 12, 52413 Ramat Gan (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim Street 7, 67897 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 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).

Published / Publiée : (c)

(11) **WO 98/16145** (13) A1

(21) PCT/JP97/03742

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) ja (26) ja

(31) 8/295662 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A47G 23/02

(54) CUP HOLDER
SUPPORT DE TASSE

(71) **NISSHIN SANGYO CO., LTD.** [JP/JP]; 45-2, Otsu, Kitamachi, Kanazawa-shi, Ishikawa 920 (JP).
(for all designated States except / pour tous les États
désignés sauf US)

- (72, 75) **FUKUHISA, Norio** [JP/JP]; 45-2, Otsu, Kitamachi, Kanazawa-shi, Ishikawa 920 (JP).
- (74) **NISHI, Takao**; 4-16, Daiwamachi, Kanazawa-shi, Ishikawa 920 (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 98/16146** (13) A1
- (21) PCT/EP97/05629
- (22) **11 Oct/oct 1997 (11.10.1997)**
- (25) de (26) de
- (31) 196 42 106.3 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A47J 27/18
- (54) DEVICE FOR DISCONTINUED PREPARATION OF PASTA
DISPOSITIF POUR LA PREPARATION EN DISCONTINUÉ DE PÂTES ALIMENTAIRES
- (71, 72) **STEIN, Hans-Ulrich** [DE/CH]; Via Tersaggio, 8, CH-6949 Comano (CH).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).
- (81) 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 98/16147** (13) A1
- (21) PCT/GB97/02856
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) en (26) en
- (31) 9621517.3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A47J 27/21
- (54) ELECTRICALLY HEATED WATER BOILING VESSELS
RECIPIENTS A EAU BOUILLANTE CHAUFFÉS ELECTRIQUEMENT
- (71) **OTTER CONTROLS LIMITED** [GB/GB]; Hardwick Square South, Buxton, Derbyshire SK17 6LA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'NEILL, Robert, Andrew** [GB/GB]; "Morcot", Alexandra Road, Buxton, Derbyshire SK17 9NQ (GB). **HADFIELD, Robert, Henry** [GB/GB]; 29 Leigh Avenue, Marple, Cheshire SK6 6DF (GB). **GAETA, Antonio, Martin** [GB/GB]; 13 Lismore Road, Buxton, Derbyshire SK17 9AN (GB).
- (74) **MILHENCH, Howard, L.** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (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 98/16148** (13) A1
- (21) PCT/US97/13711

- (22) **5 Aug/Août 1997 (05.08.1997)**
- (25) en (26) en
- (31) PCT/US96/16403 (32) **15 Oct/oct 1996 (15.10.1996)** (33) WO
- (34) AL et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A47L 25/08
- (54) HAND-HELD CONTAINER FOR PREDISSOLVING DETERGENT COMPOSITION
RECEPTACLE PORTATIF POUR LA PREDISSOLUTION D'UNE COMPOSITION DETERGENTE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **FUKUSHIMA, Kimiko**; 2-1-19, Koganedai, Ton-dabayashi-shi, Osaka 584 (JP). **NANNO, Yukio**; 5-531-722, Koyo-cho Naka 5-chome, Higashinada-ku, Kobe 656 (JP). **TANEKO, Akiko**; 8-14-1, Shinryoudai, Tarumi-ku, Kobe 655 (JP).
- (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 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 98/16149** (13) A2
- (21) PCT/US97/18468
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 08/730,107 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61B
- (54) ENHANCED BREAST IMAGING/BIOPSY SYSTEM EMPLOYING TARGETED ULTRASOUND
SYSTEME AMELIORE D'IMAGERIE MAMMAIRE / DE BIOPSIE A ECHOGRAPHIE CIBLEE
- (71) **FISCHER IMAGING CORPORATION** [US/US]; 12300 North Grant Street, Denver, CO 80241 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIELDS, Morgan, W.** [-/US]; 4 Sunrise Drive, Englewood, CO 80110 (US).
- (74) **MARSH, Thomas, R.** et al. / etc.; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, CO 80203-4541 (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 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 98/16150** (13) A1
- (21) PCT/US97/18217

- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) en (26) en
- (31) 08/726,898 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61B 3/02, 3/00
- (54) METHOD AND APPARATUS FOR TESTING VISUAL ATTENTION CAPABILITIES OF A SUBJECT
PROCEDE ET APPAREIL POUR TESTER LA CAPACITE D'ATTENTION VISUELLE D'UN SUJET
- (71) **VISUAL RESOURCES, INC.** [US/US]; Suite 15, 1733 Campus Place, Bowling Green, KY 42102 (US).
- (72) **ROENKER, Daniel, L.**; 514 Covington Street, Bowling Green, KY 42103 (US).
- (74) **WEBB, William, A.**; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (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); EP (AT BE CH DE DK ES FI FR 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 98/16151** (13) A1
- (21) PCT/US97/18600
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) en (26) en
- (31) 08/730,965 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61B 5/0205
- (54) APPARATUS AND METHOD TO GATE A SOURCE FOR RADIATION THERAPY
APPAREIL ET PROCEDE DE DECLENCHEMENT D'UNE SOURCE DE RADIOTHERAPIE
- (71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
- (72) **WEINBERGER, Judah, Z.**; 751 Wintrop Road, Teaneck, NJ 07666 (US). **AMOLS, Howard, I.**; Apartment 18S, 322 West 57th Street, New York, NY 10019 (US). **SCHIFF, Peter, B.**; 37 Woodbine Avenue, Larchmont, NY 10538 (US).
- (74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16152** (13) A2
- (21) PCT/US97/18833
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 08/730,638 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61B 5/0408, 5/0428

(54) ELECTRODE ARRAY SYSTEM FOR MEASURING ELECTROPHYSIOLOGICAL SIGNALS
SYSTEME D'ENSEMBLE D'ELECTRODES PERMETTANT DE MESURER DES SIGNAUX ELECTROPHYSIOLOGIQUES

(71) **ASPECT MEDICAL SYSTEMS, INC.** [US/US]; 2 Vision Drive, Natick, MA 01760 (US).

(72) **DEVLIN, Philip, H.**; 33 Clearwater Road, Brookline, MA 02167 (US). **CORDERO, Rafael, M.**; 987 South Street, Tewksbury, MA 01876 (US). **CHAMOUN, Nassib, B.**; 8 Furbush Road, West Roxbury, MA 02131 (US). **SHAMBROOM, John, R.**; 79 Westmoreland Avenue, Arlington, MA 02174 (US). **FENDROCK, Charles**; 23 Tippling Rock Road, Sudbury, MA 01776 (US). **McDANIEL, Terrie, L.**; 9307 Village Lance, San Antonio, TX 78209 (US).

(74) **BEVILACQUA, Michael, J.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 98/16153** (13) A1

(21) PCT/US97/17923

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/732,143 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/00, A61F 2/08

(54) REINFORCEMENT SHEET FOR USE IN SURGICAL REPAIR
FEUILLE DE CONSOLIDATION POUR REPARATION CHIRURGICALE

(71, 72) **DEBBAS, Elie, G.** [US/US]; Suite 201, 11701 Livingston Road, Fort Washington, MD 20744 (US).

(74) **HOVANEC, George, A., Jr.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

(11) **WO 98/16154** (13) A1

(21) PCT/US97/18652

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 733,128 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(31) 770,319 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/22

(54) METHODS AND DEVICES FOR IMPROVING BLOOD FLOW TO A HEART OF A PATIENT
PROCEDES ET DISPOSITIFS PERMETTANT D'AMELIORER LE DEBIT SANGUIN EN DIRECTION DU COEUR D'UN PATIENT

(71) **ETHICON ENDO-SURGERY, INC.** [US/US]; 4545 Creek Road, Cincinnati, OH 45242 (US).

(72) **DAVISON, Thomas, W.**; 83 Farm Hill Road, North Attleboro, MA 02760 (US). **DiMATTEO, Stephen**; 26 Cedar Lane, Seehonk, MA 02771 (US).

(74) **GAUGER, James, E.** et al. / etc.; Dressler, Rockey, Milnamow & Katz, Ltd., Two Prudential Plaza, Suite 4700, 1800 North Stetson Avenue, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/16155** (13) A1

(21) PCT/US97/17650

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/732,030 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/32

(54) SLEEVE SHIELDED NEEDLES FOR PHACO-EMULSIFICATION DEVICES
TROCARTS AVEC MANCHONS POUR DISPOSITIFS DE PHACO-EMULSIFICATION

(71) **SURGIN SURGICAL INSTRUMENTATION, INC.** [US/US]; 14762 Bentley Circle, Tustin, CA 92680 (US).

(72) **MAASKAMP, Armand**; 22315 Clearbrook, Mission Viejo, CA 92692 (US). **URICH, Alex**; 27402 Via Cauvaloso, Mission Viejo, CA 92692 (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 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 98/16156** (13) A1

(21) PCT/US97/18184

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/730,851 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/32

(54) ULTRASONIC SURGICAL INSTRUMENT
INSTRUMENT CHIRURGICAL A ULTRASONS

(71) **SURGICAL DESIGN CORP.** [US/US]; 4253 21st Street, Long Island City, NY 11101 (US).

(72) **BANKO, William**; 4 Skibo Lane, Mamaroneck, NY 10543 (US).

(74) **CANTOR, Jay, M.**; Suite 300 East, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AU BR CA CN IL JP KR MX NZ 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 98/16157** (13) A1

(21) PCT/US97/18543

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 733,128 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(31) 770,319 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

(31) 810,360 (32) **3 Mar/mar 1997 (03.03.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/32

(54) METHODS AND DEVICES FOR IMPROVING BLOOD FLOW TO THE HEART OF A PATIENT
PROCEDES ET DISPOSITIFS PERMETTANT D'AMELIORER LE FLUX SANGUIN JUSQU'AU COEUR D'UN PATIENT

(71) **ETHICON ENDO-SURGERY, INC.** [US/US]; 4545 Creek Road, Cincinnati, OH 45242 (US).

(72) **DAVISON, Thomas, W.**; 83 Farm Hill Road, North Attleboro, MA 02760 (US). **DiMATTEO, Stephen**; 26 Cedar Lane, Seehonk, MA 02771 (US).

(74) **GAUGER, James, E.** et al. / etc.; Dressler, Rockey, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, 1800 North Stetson Avenue, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16158** (13) A1

(21) PCT/NL97/00573

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) nl (26) en

(31) 1004276 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NL

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 17/322

(54) METHOD AND INSTRUMENTS FOR FORMING SKIN GRAFTS
PROCEDE ET INSTRUMENTS DE FORMATION DE GREFFONS CUTANES

(71, 72) **YSEBAERT, Willem, Marie** [NL/NL]; Hendriklaan 15, NL-5342 GN Oss (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16159** (13) A1
(21) PCT/NL97/00574
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) nl (26) en
(31) 1004276 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NL
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 17/322, 19/00
(54) METHOD AND INSTRUMENTS FOR STRETCHING SKIN GRAFTS
PROCEDE ET INSTRUMENTS POUR ETIRER DES GREFFONS CUTANES
(71, 72) **YSEBAERT, Willem, Marie** [NL/NL]; Hendriklaan 15, NL-5342 GN Oss (NL).
(74) **VAN KAN, J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/16160** (13) A1
(21) PCT/US97/18415
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/734,465 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 17/34, 17/16, 17/00, A61H 39/08
(54) SURGICAL INSTRUMENT
INSTRUMENT CHIRURGICAL
(71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).
(72) **ROSENBERG, Thomas, D.**; 2540 Haven Lane, Salt Lake City, UT 84117 (US). **GREENWALD, Richard, M.**; 4972 Ponderosa Court, Park City, UT 84098 (US).
(74) **STACEY, George, K.** et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (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).
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- (11) **WO 98/16161** (13) A1
(21) PCT/US96/19093
(22) **27 Nov/nov 1996 (27.11.1996)**
(25) en (26) en
(31) 08/730,327 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(31) 08/730,496 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
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- (43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 17/36
(54) METHODS AND APPARATUS FOR BYPASSING ARTERIAL OBSTRUCTIONS AND/OR PERFORMING OTHER TRANSVASCULAR PROCEDURES
PROCEDES ET APPAREIL POUR REALISER LE PONTAGE D'OBSTRUCTIONS ARTERIELLES ET/OU EFFECTUER D'AUTRES INTERVENTIONS TRANSVASCULAIRES
(71) **TRANSVASCULAR, INC.** [US/US]; 1505-D Adams Drive, Menlo Park, CA 94025 (US).
(72) **EVARD, Philip, C.**; 3192 Bryant Street, Palo Alto, CA 94306 (US). **FLAHERTY, J., C.**; 766 La Prenda Road, Los Altos, CA 94024 (US). **GARIBOTTO, John, T.**; 6284 Lido Court, Newark, CA 94560 (US). **MACAULAY, Patrick, E.**; 3268 Flintview Court, San Jose, CA 95148 (US). **MACHOLD, Timothy, R.**; 65 Bernal Avenue, Moss Beach, CA 94038 (US). **MAKOWER, Joshua**; 177 Yerba Buena Avenue, Los Altos, CA 94022 (US). **WHITT, Jason, B.**; 2616 Leavenworth Street, San Francisco, CA 94133 (US). **VIDAL, Clade, A.**; 5426 San Patricio Drive, Santa Barbara, CA 93111 (US). **REDMOND, Russel, J.**; 1148 North Fairview Avenue, Goleta, CA 93117 (US). **BANKS, Thomas**; 4002 Via Lucro, Santa Barbara, CA 93110 (US).
(74) **BUYAN, Robert, D.** et al. / etc.; Stetina Brunda & Buyan, Suite 401, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 TJ TM TR TT UA UG UZ VN; AP (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 98/16162** (13) A1
(21) PCT/US97/15618
(22) **5 Sep/sep 1997 (05.09.1997)**
(25) en (26) en
(31) 08/729,174 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 17/39
(54) HOOK/SPATULA ELECTROSURGERY DEVICE AND METHODS OF FORMING AND OF USING THE SAME FOR TISSUE DISSECTION
DISPOSITIF ELECTROCHIRURGICAL COMPORANT UNE SPATULE ET UN CROCHET, SES PROCEDES D'ELABORATION ET D'UTILISATION POUR DISSEQUER DES TISSUS
(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; 55 Lake Avenue North, Worcester, MA 01655 (US).
(72) **STAHL, Russel, F.**; 55-24 Commons Drive, Shrewsbury, MA 01545 (US).
(74) **FALKOFF, Michael, I.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/16163** (13) A1
(21) PCT/US97/18205
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) en (26) en
(31) 08/732,064 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 17/56
(54) AN APPARATUS AND METHOD FOR SUBMERGIBLE, SELF-RETAINING DISTRACTION OSTEOGENESIS
APPAREIL D'OSTEOGENESE EN DISTRACTION IMMERGEABLE, IMPERDABLE ET PROCEDE D'UTILISATION
(71, 72) **CHIN, Martin** [US/US]; PacificPresbyterian Professional Building, Suite 303, San Francisco, CA 94115 (US).
(74) **FLIESLER, Martin, C.** et al. / etc.; Fliesler, Dubb, Meyer and Lovejoy, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).
(81) 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 98/16164** (13) A1
(21) PCT/US97/18288
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 60/028,395 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(31) 60/047,349 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ A61B 19/00
(54) RELATIVE MOTION CANCELING PLATFORM FOR SURGERY
PLATE-FORME DESTINEE A SUPPRIMER LE MOUVEMENT RELATIF POUR LA CHIRURGIE
(71, 72) **MAYER, Paul, W.** [US/US]; 6290 South West 92nd Street, Miami, FL 33156 (US).
(74) **BROWDY, Roger, L.**; Browdy and Neimark, P.L.L.C., Suite 300, 419 Seventh Street N.W., Washington, DC 20004 (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).
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- (11) **WO 98/16165** (13) A1
(21) PCT/US97/18518
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 60/028,807 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 08/795,744 (32) **2 Jun/juin 1997 (02.06.1997)** (33) US
(31) 08/890,154 (32) **9 Jul/juil 1997 (09.07.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 19/00(54) FILMS HAVING IMPROVED CHARACTERISTICS AND METHODS FOR THEIR PREPARATION AND USE
FILMS POSSEDANT DES CARACTERISTIQUES AMELIOREES ET PROCEDES POUR LEUR PREPARATION ET DE LEUR UTILISATION

(71) FUSION MEDICAL TECHNOLOGIES, INC. [US/US]; 1615 Plymouth Street, Mountain View, CA 94043 (US).

(72) REICH, Cary, J.; 15621 Lomas Lane, Los Gatos, CA 95030 (US). WALLACE, Donald, G.; 290 Ringwood Avenue, Menlo Park, CA 94025 (US). WINTERBOTTOM, Neil; 304 San Miguel Way, San Mateo, CA 94403 (US).

(74) HESLIN, James, M. et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (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 98/16166 (13) A1

(21) PCT/US96/16249

(22) 11 Oct/oct 1996 (11.10.1996)

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 19/08(54) ABSORBENT, NON-PERMEABLE FABRICS AND METHOD OF DISPOSAL THEREOF
TISSUS ABSORBANTS NON PERMEABLES ET LEUR PROCEDE DE MISE AU REBUT(71) ISOLYSER COMPANY, INCORPORATED [US/US]; 4320 International Boulevard, N.W., Norcross, GA 30093 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONEYCUTT, Travis [US/US]; 3544 Mill Road, Gainesville, GA 30504 (US). LEE, Baosheng [-/-]; 3990 Bridlewood Drive, Duluth, GA 30136 (US). DAL, Dong [CN/CN]; 3125 Paces Woods Drive, Lawrenceville, GA 30244 (US). KHAMVONGSA, Bryan [US/US]; 725 Kibbe Circle, Lawrenceville, GA 30244 (US). JONES, Robert, E. [US/US]; 300 Long Shoals Road, Arden, NC 28704 (US).

(74) NEEDLE, William, H. et al. / etc.; Needle & Rosenberg, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303 (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 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 (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 98/16167 (13) A1

(21) PCT/US97/13295

(22) 31 Jul/juil 1997 (31.07.1997)

(25) en (26) en

(31) 08/729,442 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61B 19/08, 19/00(54) APPARATUS AND METHODS FOR DISPENSING SURGICAL DRAPES
APPAREIL ET PROCEDES DE DISTRIBUTION DE CHAMPS OPERATOIRES

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

(72) ASMUS, Robert, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BAKER, Dennis, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SCHLEI, Dietmar; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SHOR, Rita, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). THOMAS, Neil, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) SPRAGUE, Robert, W. et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

Published / Publiée : (a)

(11) WO 98/16168 (13) A1

(21) PCT/US97/18753

(22) 14 Oct/oct 1997 (14.10.1997)

(25) en (26) en

(31) 08/730,092 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(31) 08/896,303 (32) 28 Jun/juin 1997 (28.06.1997) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61C 3/16, 8/00(54) RETRIEVABLE CEMENTED PROSTHODONTIC APPARATUS WITH HYDROSTATIC PRESSURE RELIEVED ABUTMENT POST
DISPOSITIF PROTHETIQUE, CIMENTE, RECUPERABLE DOTE D'UN TENON DE BUTEE NON SOUMIS A LA PRESSION HYDROSTATIQUE(63) US 08/730,092 (CIP)
US 15 Oct/oct 1996 (15.10.1996)
US 08/896,303 (CIP)
28 Jun/juin 1997 (28.06.1997)(71) IMPLANT SYSTEMS, INC. [US/US]; Suite 150 West, 50 Briar Hollow Lane, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GITTLEMAN, Neal, B. [US/US]; Suite 150 West, 50 Briar Hollow Lane, Houston, TX 77027 (US).

(74) SKOLNICK, Malcolm, H. et al. / etc.; Stroufe, Payne & Lundeen, L.L.P., Suite 1230, 1700 West Loop South, Houston, TX 77027-3008 (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 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 98/16169 (13) A1

(21) PCT/EP97/05118

(22) 18 Sep/sep 1997 (18.09.1997)

(25) de (26) de

(31) 196 42 431.3 (32) 15 Oct/oct 1996 (15.10.1996) (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61C 15/02(54) INTERDENTAL CLEANER AND MANUFACTURING PROCESS
NETTOYEUR INTERDENTAIRE ET MODE DE FABRICATION(71) CORONET-WERKE GMBH [DE/DE]; Neustadt 2, D-69483 Wald-Michelbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIHRAUCH, Georg [DE/DE]; Am Rossert 1, D-69483 Wald-Michelbach (DE).

(74) LICHTI, Heiner et al. / etc.; Postfach 41 07 60, D-76207 Karlsruhe (DE).

(81) AU BR CA CN CZ HU JP KP KR MX NO PL 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 98/16170 (13) A2

(21) PCT/US97/18809

(22) 10 Oct/oct 1997 (10.10.1997)

(25) en (26) en

(31) 08/731,220 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F(54) WRIST REST
SUPPORT DE POIGNET

(71) ERGODYNE CORPORATION [US/US]; Suite One, 1410 Energy Park Drive, St. Paul, MN 55108 (US).

(72) GRIMM, Thomas, M.; 607 South Hamline Avenue, St. Paul, MN 55116 (US). HANGGI, Bradley, M.; 5 Eldorado Drive, Edlwood, MN 55110 (US).

(74) KEOUGH, Steven, J. et al. / etc.; Patterson & Keough, P.A., 1200 Rand Tower, 527 Marquette Avenue South, Minneapolis, MN 55402 (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 98/16171 (13) A1

(21) PCT/US97/18485

(22) 9 Oct/oct 1997 (09.10.1997)

(25) en (26) en

(31) 08/732,852 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 2/02, 2/04, A61M 1/00, 37/00(54) TREATMENT OF RENAL FAILURE
TRAITEMENT DE L'INSUFFISANCE RENALE

(71) MIRIMEDICAL, INC. [US/US]; Suite 105, 7401 N. University Drive, Tamarac, FL 33321 (US).

(72) MISHKIN, Gary, J.; Apartment 608, 4615 N. Park Avenue, Chevy Chase, MD 20815 (US).

(74) **KOVELMAN, Paul, H.** et al. / etc.; Loeb & Loeb LLP, Suite 2200, 10100 Santa Monica Boulevard, Los Angeles, CA 90067 (US).

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

(11) **WO 98/16172** (13) A1

(21) PCT/FR96/01590

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) fr (26) fr

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 2/06

(54) FLEXIBLE EXPANDABLE TUBE FOR SURGICAL DILATING OF PHYSIOLOGICAL DUCTS GAINÉ EXPANSIBLE CINTRABLE A USAGE CHIRURGICAL POUR DILATATION DE CONDUITS PHYSIOLOGIQUES

(71, 72) **FOUERE, Alain** [FR/FR]; 289, rue Paradis, F-13008 Marseille (FR).

(74) **CABINET ROMAN**; 35, rue Paradis, Boîte postale 2224, F-13207 Marseille Cedex 01 (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; AP (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 : (a)

(11) **WO 98/16173** (13) A1

(21) PCT/US97/13907

(22) **7 Aug/Août 1997 (07.08.1997)**

(25) en (26) en

(31) 08/728,750 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 2/06

(54) VASCULAR GRAFT FABRIC TISSU NON TISSE DE GREFFE VASCULAIRE

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

(72) **MORELAND, Janet, L.**; 9 Broad Street, Newburyport, MA 01950 (US).

(74) **HONEYMAN, Jason, M.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(11) **WO 98/16174** (13) A1

(21) PCT/US97/17927

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/733,139 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 2/06

(54) ANASTOMOSIS DEVICE DISPOSITIF POUR ANASTOMOSE

(71) **NITINOL MEDICAL TECHNOLOGIES, INC.** [US/US]; 27 Wormwood Street, Boston, MA 02210 (US).

(72) **KLESHINSKI, Stephen, J.**; 599 Country Way, Scituate, MA 02066 (US).

(74) **SIXBEY, Daniel, W.**; Sixbey, Friedman, Leedom & Ferguson, P.C., Suite 600, 2010 Corporate Ridge, McLean, VA 22102 (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).

Published / Publiée : (c)

(11) **WO 98/16175** (13) A1

(21) PCT/DE97/02331

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 196 42 220.5 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(31) 197 44 789.9 (32) **10 Oct/oct 1997 (10.10.1997)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 2/18

(54) OSSICLE PROSTHESIS FOR SOUND TRANSMISSION IN THE MIDDLE EAR PROTHESE D'OSSELE POUR LA TRANSMISSION DES SONS DANS L'OREILLE MOYENNE

(71) **TECHNISCHE UNIVERSITÄT DRESDEN** [DE/DE]; Dezernat 5, SG 5.1, Mommsenstrasse 13, D-01069 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÜTTENBRINK, Karl-Bernd** [DE/DE]; Frankenstrasse 6, D-01309 Dresden (DE). **HOFMANN, Gert** [DE/DE]; Aachener Strasse 48, D-01129 Dresden (DE). **ZAHNERT, Thomas** [DE/DE]; Calberlastrasse 10, D-01326 Dresden (DE).

(74) **TECHNISCHE UNIVERSITÄT DRESDEN**; Sender, Frank, Dezernat 5, SG 5.1, D-01062 Dresden (DE).

(81) JP US.

Published / Publiée : (c)

(11) **WO 98/16176** (13) A1

(21) PCT/SE97/01735

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) sv (26) en

(31) 9603824-5 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 7/00

(54) SCALP COOLING APPARATUS DISPOSITIF DE REFROIDISSEMENT DU CUIR CHEVELU

(71, 72) **OLOFSSON, Yvonne** [SE/SE]; Norra Obbo-lavägen 14, S-904 20 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 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).

Published / Publiée : (c)

(11) **WO 98/16177** (13) A1

(21) PCT/US96/16239

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 13/15, B32B 31/00

(54) COVERSHEET COMPRISING NONWOVEN AND APERTURED FILM FEUILLE DE COUVERTURE COMPRENANT UN NON-TISSE ET UN FILM AJOURE

(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) **CHATTERJEE, Ashish** [IN/JP]; 1-4-123-401, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP).

(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 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 SJ TJ TM TR TT UA UG US UZ VN; AP (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 98/16178** (13) A1

(21) PCT/US97/15567

(22) **4 Sep/sep 1997 (04.09.1997)**

(25) en (26) en

(31) 08/731,676 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61F 13/15

(54) ARTICLE WITH STAY-IN-PLACE FEATURE, E.G. DIAPER ARTICLE POSSEDANT UNE CARACTERISTIQUE DE MAINTIEN, TEL QU'UNE COUCHE

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

(72) **TANZER, Richard, Warren**; 413 Beaulieu Road, Neenah, WI 54956 (US). **OLSON, Christopher, Peter**; 1012 Pendleton Road, Neenah, WI 54956 (US). **ODORZYNSKI, Thomas, Walter**; 255 Warren Court, Green Bay, WI 54301 (US). **SERBIAK, Paul, John**; 912 North Cambridge Drive, Appleton, WI 54915 (US).

(74) **YEE, Paul, Y.** 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 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); EP (AT BE CH DE DK ES FI FR 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 98/16179** (13) A1
 (21) PCT/US97/16707
 (22) **22 Sep/sep 1997 (22.09.1997)**
 (25) en (26) en
 (31) 08/730,752 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61F 13/15
 (54) DISPOSABLE ABSORBENT GARMENT AND METHOD OF CONSTRUCTING THE SAME SOUS-VETEMENT ABSORBANT JETABLE ET PROCEDE DE FABRICATION ASSOCIE
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **JOHNSON, Larry, Kenneth**; 6405-2 Clough Pike, Cincinnati, OH 45244 (US). **LANGE, Stephen, Joseph**; 7997 Pine Meadow Lane, Cincinnati, OH 45224-1227 (US).
 (74) **REED, T., David**; 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 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 98/16180** (13) A1
 (21) PCT/US97/17360
 (22) **26 Sep/sep 1997 (26.09.1997)**
 (25) en (26) en
 (31) 08/730,648 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61F 13/15
 (54) ABSORBENT ARTICLE HAVING APERTURES FOR FECAL MATERIAL ARTICLE ABSORBANT PRESENTANT DES OUVERTURES DESTINEES AUX MATIERES FECALES
 (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
 (72) **OEHMEN, Heidi, A.**; 212 E. Doty Avenue, Neenah, WI 54956 (US).
 (74) **WILHELM, Thomas, D.**; Wilhelm Law Service SC, 3rd floor, 100 W. Lawrence Street, Appleton, WI 54911 (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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16181** (13) A1
 (21) PCT/US97/17361
 (22) **26 Sep/sep 1997 (26.09.1997)**
 (25) en (26) en
 (31) 08/729,109 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61F 13/15
 (54) METHOD OF APPLYING ADHESIVE TO A LEG CUT-OUT OF AN ABSORBING ARTICLE PROCEDE D'APPLICATION D'UN ADHESIF SUR UNE DECOUPE D'ENTREJAMBE D'UN ARTICLE ABSORBANT
 (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
 (72) **REYNOLDS, Gary, M.**; 700 Ravenswood Court, Neenah, WI 54956 (US).
 (74) **WILHELM, Thomas, D.**; Wilhelm Law Service SC, 3rd floor, 100 W. Lawrence Street, Appleton, WI 54911 (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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16182** (13) A1
 (21) PCT/IE97/00066
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) S960724 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IE
 (31) S970284 (32) **16 Apr/avr 1997 (16.04.1997)** (33) IE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61G 5/08
 (54) A WHEELCHAIR FAUTEUIL ROULANT
 (71, 72) **ROCHE, James** [IE/IE]; Dundalk Road, Castleblaney, County Monaghan (IE).
 (74) **O'BRIEN, John** et al. / etc.; John A. O'Brien & Associates, Duncairn House, 3rd floor, 14 Carysfort Avenue, Blackrock, County Dublin (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 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 98/16183** (13) A1
 (21) PCT/EP97/05461
 (22) **4 Oct/oct 1997 (04.10.1997)**
 (25) en (26) en
 (31) 196 41 909.3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61J 1/10
 (54) FLEXIBLE PLASTIC CONTAINER WITH THREE CHAMBERS RECIPIENT EN PLASTIQUE SOUPLE A TROIS COMPARTIMENTS
 (71) **B. BRAUN MELSUNGEN AG** [DE/DE]; Carl-Braun-Strasse 1, D-34212 Melsungen (DE). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LORETTI, Maurice** [CH/CH]; Vifor Medical S.A., 9, route de Sorge, CH-1023 Crissier (CH).
 (74) **JÖNSSON, Hans-Peter** et al. / etc.; Deichmannhaus am Dom, D-50667 Köln (DE).
 (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 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).

Published / Publiée : (c)

- (11) **WO 98/16184** (13) A2
 (21) PCT/US97/18387
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 60/028,586 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (31) 60/043,974 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US
 (31) 60/055,487 (32) **12 Aug/Août 1997 (12.08.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K
 (54) PURINE L-NUCLEOSIDES, ANALOGS AND USES THEREOF ANALOGUES DE NUCLEOSIDES L PURINE ET LEURS UTILISATIONS
 (71) **ICN PHARMACEUTICALS** [US/US]; 3300 Hyland Avenue, Costa Mesa, CA 92626 (US). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WANG, Guangyi** [-/US]; 17502 Jordan Avenue #9D, Irvine, CA 92715 (US). **TAM, Robert** [-/US]; 64 Del Ventura, Irvine, CA 92606 (US). **AVERTT, Deveron** [-/US]; 26 Trinity, Irvine, CA 92612 (US).
 (74) **FISH, Robert, D.**; Suite 706, 1440 North Harbor Boulevard, Fullerton, CA 92835 (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 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 US UZ VN; AP (GH 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).

- (11) **WO 98/16185** (13) A2
 (21) PCT/US97/18710

- (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) en (26) en
 (31) 08/733,131 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K
 (54) POTASSIUM CHANNEL BLOCKING COMPOUNDS AND THEIR USE COMPOSES BLOQUANTS A CANAL POTASSIUM ET LEUR UTILISATION
- (71) **NPS PHARMACEUTICALS, INC.** [US/US]; Suite 240, 420 Chipeta Way, Salt Lake City, UT 84108 (US).
- (72) **SANGUINETTI, Michael, C.**; 4922 N. East Meadows Drive, Park City, UT 84060 (US). **MUELLER, Alan, L.**; 2510 E. Skyline Drive, Salt Lake City, UT 84108 (US).
- (74) **WARBURG, Richard, J.** et al. / etc.; Lyon & Lyon, 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 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 98/16186** (13) A2
 (21) PCT/US97/18767
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 60/028,585 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K
 (54) MONOCYCLIC L-NUCLEOSIDES, ANALOGS AND USES THEREOF L NUCLEOSIDES MONOCYCLIQUES, ANALOGUES ET LEURS UTILISATIONS
- (71) **ICN PHARMACEUTICALS** [US/US]; 3300 Hyland Avenue, Costa Mesa, CA 92626 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RAMASAMY, Kandasamy** [US/US]; 5 Rocky Creek Lane, Laguna Hills, CA 92653 (US). **TAM, Robert** [GB/US]; 64 Del Ventura, Irvine, CA 92606 (US). **AVERETT, Devron** [US/US]; ICN Pharmaceuticals, 3300 Hyland Avenue, Costa Mesa, CA 92626 (US).
- (74) **FISH, Robert, D.**; Suite 706, 1440 North Harbor Boulevard, Fullerton, CA 92835 (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 LV MD MG MK 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16187** (13) A1
 (21) PCT/JP97/03644
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) ja (26) ja
- (31) 8/269742 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 6/083
 (54) CURABLE ROOT CANAL FILLING COMPOSITIONS FOR DENTAL USE AND KITS CONTAINING THE SAME COMPOSITIONS DE REMPISSAGE DURCIS-SABLES POUR CANAL RADICULAIRE DESTINEES A L'UTILISATION EN DENTISTERIE ET KITS CONTENANT CES DERNIERES
- (71) **SUN MEDICAL CO., LTD.** [JP/JP]; 571-2, Furutaka-cho, Moriyama-shi, Shiga 524 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YAMAMOTO, Takashi** [JP/JP]; Sun Medical Co., Ltd., 571-2, Furutaka-cho, Moriyama-shi, Shiga 524 (JP). **TASHIRO, Kouichi** [JP/JP]; Sun Medical Co., Ltd., 571-2, Furutaka-cho, Moriyama-shi, Shiga 524 (JP). **HENMI, Hiroshi** [JP/JP]; 1-13, Achi 3-chome, Kurashiki-shi, Okayama 710 (JP).
- (74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160 (JP).
- (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 98/16188** (13) A1
 (21) PCT/EP97/05459
 (22) **4 Oct/oct 1997 (04.10.1997)**
 (25) de (26) de
 (31) 196 41 992.1 (32) **13 Oct/oct 1996 (13.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 7/06
 (54) USE OF FLOWER WAX IN LIQUID HAIR-TREATMENT AGENTS UTILISATION DE CIRE FLORALE DANS DES AGENTS DE SOINS CAPILLAIRES LIQUIDES
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KRIPP, Thomas** [DE/DE]; Scheffelstrasse 19, D-64407 Fränkisch-Crumbach (DE). **KRAUSE, Beate** [DE/DE]; Rotenhofstrasse 38, D-65795 Hattersheim (DE). **LANG, Günther** [DE/DE]; Auf der Roten Erde 10 B, D-64354 Reinheim (DE). **MEURER, Wolfgang** [DE/DE]; Breslauer Strasse 45, D-68623 Lampertheim (DE). **TOECHE-MITTLER, Ingrid** [DE/DE]; Prälatt-Diehl-Strasse 27, D-64285 Darmstadt (DE).
- (81) BR 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 98/16189** (13) A1
 (21) PCT/US97/15756
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) en (26) en
 (31) 08/733,046 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 7/06, 7/48, 7/50
 (54) CONDITIONING SHAMPOO COMPOSITIONS HAVING IMPROVED SILICONE DEPOSITION
- COMPOSITIONS DE SHAMPOOING TRAITANT PRESENTANT UN DEPOT AMELIORE DE SILICONE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **YEOH, Thean, Yeow**; 6797 Grand Oaks Court, Mason, OH 45242 (US). **COFFINDAFFER, Timothy, Woodrow**; 118 Bridle Lane, Loveland, OH 45244 (US). **UCHIYAMA, Hirota**; 5-8-17-3B, Nishiokamoto, Higashinada-ku, Kobe 658 (JP). **SCHROEDER, John, Gregory**; The Entente #802, 5-15, Koyo-cho, Naka, Higashinada-ku, Kobe 658 (JP). **OKUYAMA, Yoshinari**; 3-12-13-306, Suyiyoshi Honmachi, Higashinada-ku, Kobe 658 (JP).
- (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/16190** (13) A1
 (21) PCT/DK97/00446
 (22) **13 Oct/oct 1997 (13.10.1997)**
 (25) en (26) en
 (31) 1128/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 7/16, C12N 9/28
 (54) STARCH BINDING DOMAINS (SBDs) FOR ORAL CARE PRODUCTS DOMAINES DE LIAISON A L'AMIDON POUR PRODUITS DE SOINS BUCCO-DENTAIRES
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FUGLSANG, Claus, Crone** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **TSUCHIYA, Rie** [JP/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
- (74) **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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16191** (13) A1
 (21) PCT/DK97/00447
 (22) **13 Oct/oct 1997 (13.10.1997)**
 (25) en (26) en
 (31) 1126/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK
 (43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ A61K 7/16, C12N 9/42
- (54) CELLULOSE BINDING DOMAINS (CBDs) FOR ORAL CARE PRODUCTS
DOMAINE DE LIAISON A LA CELLULOSE POUR PRODUITS DE SOINS BUCCO-DENTAIRES
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUGLSANG, Claus, Crone** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
TSUCHIYA, Rie [JP/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
- (74) **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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16192** (13) A1
- (21) PCT/US97/18630
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) en (26) en
- (31) 60/028,955 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 7/24, 7/16
- (54) GERMICIDAL COMPOSITION
COMPOSITION GERMICIDE
- (71) **ALTERNIA, INC.** [US/US]; 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PIERCE, Deborah** [US/US]; 19225 E. Slate Creek Drive, Walnut, CA 91789 (US). **HEILMAN, Timothy, J.** [US/US]; 774 Mays Boulevard #10-458, Incline Valley, NV 89451 (US).
- (74) **NOONAN, William, D.** Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (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 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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- Published / Publiée : (b)
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- (11) **WO 98/16193** (13) A1
- (21) PCT/JP97/02760
- (22) **7 Aug/Août 1997 (07.08.1997)**
- (25) ja (26) ja
- (31) 8/289132 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 7/42
- (54) DISPERSION OF PARTICULATE TITANIUM DIOXIDE IN SILICONE
DISPERSION DE DIOXYDE DE TITANE PARTICULAIRE DANS DU SILICONE
- (71) **ISHIHARA SANGYO KAISHA, LTD.** [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUTAMATA, Hideo** [JP/JP]; 1504-164, Ishinden-kozubeta, Tsu-shi, Mie 514-01 (JP). **TAKAHASHI, Hideo** [JP/JP]; 10-6, Okadai 1-chome, Yokkaichi-shi, Mie 510-12 (JP). **HATTORI, Masakazu** [JP/JP]; 41-7, Chisato-gaoka, Kawagecho, Age-gun, Mie 510-03 (JP). **IIDA, Masanori** [JP/JP]; 15-20-109-103, Sasagawa 9-chome, Yokkaichi-shi, Mie 510 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) AU CA 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 98/16194** (13) A1
- (21) PCT/GB97/02770
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) en (26) en
- (31) 96307436.4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) EP
- (34) GB et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 7/46
- (54) PERFUMED PRODUCTS
PRODUITS PARFUMES
- (71) **QUEST INTERNATIONAL B.V.** [NL/NL]; Hui-zerstraatweg 28, NL-1411 GP Naarden (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHAN, John, Martin** [GB/GB]; The Forge, The Green, Boughton Aluph, Ashford, Kent TN25 4JB (GB). **MINHAS, Tony** [GB/GB]; 30 King Edward Avenue, Dartford, Kent DA1 2HZ (GB). **PROVAN, Alan, Forbes** [GB/GB]; 5 Bishops Green, Singleton, Ashford, Kent TN23 5BQ (GB). **HOOPER, David, Charles** [GB/GB]; Underwood, Westwell, Ashford, Kent TN25 4JX (GB).
- (74) **KEITH W. NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (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).
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- (11) **WO 98/16195** (13) A1
- (21) PCT/GB97/02716
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 9621480.4 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 7/48, 7/50
- (54) PHARMACEUTICAL FORMULATION
COMPOSITION PHARMACEUTIQUE
- (71) **CRAWFORD HEALTHCARE LTD.** [GB/GB]; Furtho House, 20 Towcester Road, Old Stratford, Milton Keynes MK19 6AQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORLEY, Robin** [GB/GB]; Furtho House, 20 Towcester Road, Old Stratford, Milton Keynes MK19 6AQ (GB). **BEDFORD-STRADLING, Michael** [GB/GB]; Furtho House, 20 Towcester Road, Old Stratford, Milton Keynes MK19 6AQ (GB).
- (74) **BARRETT-MAJOR, Julie, Diane** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 1ST (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).
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- Published / Publiée : (a)
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- (11) **WO 98/16196** (13) A1
- (21) PCT/US97/19154
- (22) **17 Oct/oct 1997 (17.10.1997)**
- (25) en (26) en
- (31) 08/732,944 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (31) 08/862,524 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 7/48
- (54) COMPOSITIONS AND METHODS FOR IMPROVING THE PERFORMANCE OF LONG-WEARING COSMETIC PRODUCTS
COMPOSITIONS ET PROCÉDES POUR L'AMELIORATION DE PRODUITS COSMETIQUES LONGUE-TENUE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **RABE, Thomas, Elliot**; 743 West Hills Parkway, Baltimore, MD 21229 (US). **DRECHSLER, Lee, Ellen**; 3145 Bishop Street, Cincinnati, OH 45220 (US). **SMITH, Edward, Dewey, III**; 60880 Man-O-War Lane, Mason, OH 45040 (US). **DOHMAE, Terutomo**; 808-8-502, Tobo-otsu, Yasu-cho, Tasu-gun, Shiga 520-23 (JP). **HINES, Christina**; Apartment 413, 8282 Cambridge Road, Houston, TX 77054 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16197** (13) A1
- (21) PCT/US97/18756
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en

- (31) 60/028,489 (32) **15 Oct/oct 1996** (33) US (15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/10
- (54) SURGICAL METHOD AND COMPOSITION THEREFOR
PROCEDE CHIRURGICAL ET COMPOSITION DESTINEE A UN TEL PROCEDE
- (71, 72) **NEEDHAM, Charles, W.** [US/US]; Apartment 6C, 61 East 77th Street, New York, NY 10021 (US). **HURLBERT, R., John** [CA/CA]; 8 Hawktree Close, N.W., Calgary, Alberta T3G 3R1 (CA). **THEODORE, Nicholas** [US/US]; Apartment 314, 9825 North 70th Street, Scottsdale, AZ 85253 (US). **SONNTAG, Volker, K., H.** [US/US]; 5202 East Exeter, Phoenix, AZ 85018 (US).
- (74) **EISELE, Joseph, T.**; Kane, Dalsimer, Sullivan, Kurucz, 711 Third Avenue, New York, NY 10017 (US).
- (81) AU BR CA CN JP 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 98/16198** (13) A1
- (21) PCT/US97/16080
- (22) **11 Sep/sep 1997 (11.09.1997)**
- (25) en (26) en
- (31) 08/729,928 (32) **15 Oct/oct 1996** (33) US (15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/127, C07F 9/02
- (54) SYNTHESIS OF GLYCOPHOSPHOLIPID AND PEPTIDE-PHOSPHOLIPID CONJUGATES AND USES THEREOF
SYNTHESE DE CONJUGUES DE GLYCOPHOSPHOLIPIDES ET DE PEPTIDE-PHOSPHOLIPIDES ET LEURS UTILISATIONS
- (71) **EMORY UNIVERSITY** [US/US]; 2009 Ridge-wood Drive, Atlanta, GA 30322 (US).
- (72) **CHAIKOF, Elliot, L.**; 150 Wickford Glen, Don-woody, GA 30350 (US). **SUN, Lijun**; Apartment 2611, 1049 Powers Ferry Road, Marietta, GA 30067 (US).
- (74) **KEIL, Herbert, B.**; Keil & Weinkurf, 1101 Connecticut Avenue, N.W., Washington, DC 20036 (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 98/16199** (13) A1
- (21) PCT/US97/18112
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 60/028,557 (32) **15 Oct/oct 1996** (33) US (15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/127
- (54) N-ACYL PHOSPHATIDYLETHANOLAMINE-MEDIATED LIPOSOMAL DRUG DELIVERY ADMINISTRATION DE MEDICAMENT A TRAVERS DES LIPOSOMES CONTENANT UN N-ACYL-PHOSPHATIDYLETHANOLAMINE
- (71) **THE LIPOSOME COMPANY, INC.** [US/US]; Princeton Forrestal Center, One Research Way, Princeton, NJ 08540 (US).
- (72) **MEERS, Paul, R.**; 29 Berrien Avenue, Princeton Junction, NJ 08550 (US). **SHANGGUAN, Tong**; 17 Taft Court, Princeton, NJ 08540 (US). **ALI, Shaikat**; 24 Jamie Court, Monmouth Junction, NJ 08852 (US). **JANOFF, Andrew, S.**; 560 Countess Drive, Yardley, PA 19067 (US). **PAK, Charles**; 2306 Aspen Drive, Plainsboro, NJ 08536 (US).
- (74) **RUBIN, Kenneth, B.**; The Liposome Company, Inc., Princeton Forrestal Center, One Research Way, Princeton, NJ 08540 (US).
- (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 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).
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- (11) **WO 98/16200** (13) A1
- (21) PCT/US97/18546
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 08/720,997 (32) **15 Oct/oct 1996** (33) US (15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/127
- (54) CARRIERS CONTAINING AN ETHERLIPID/COMPLEMENTARILY SHAPE LIPID COMBINATION AND THERAPEUTIC USES THEREOF
VECTEURS CONTENANT UNE COMBINAISON ETHERLIPIDE/LIPIDE DE FORME COMPLEMENTAIRE ET UTILISATIONS THERAPEUTIQUES DESDITS VECTEURS
- (71) **THE LIPOSOME COMPANY, INC.** [US/US]; Princeton Forrestal Center, One Research Way, Princeton, NJ 08540 (US).
- (72) **PERKINS, Walter**; 7332 Elm Court, Monmouth Junction, NJ 08882 (US). **MAYHEW, Eric**; 26 Allison Court, Monmouth Junction, NJ 08852 (US). **FRANKLIN, J., Craig**; 317 Opossum Road, Skillman, NJ 08558 (US). **JANOFF, Andrew, S.**; 560 Countess Drive, Yardley, PA 19067 (US).
- (74) **RUBIN, Kenneth, B.**; The Liposome Company, Inc., Princeton Forrestal Center, One Research Way, Princeton, NJ 08540 (US).
- (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 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).
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- (11) **WO 98/16201** (13) A1
- (21) PCT/US97/18813
- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) en (26) en
- (31) 60/027,923 (32) **11 Oct/oct 1996** (33) US (11.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/127
- (54) THERAPEUTIC LIPOSOME COMPOSITION AND METHOD
COMPOSITION DE LIPOSOMES THERAPEUTIQUES ET PROCEDE
- (71) **SEQUUS PHARMACEUTICALS, INC.** [US/US]; 960 Hamilton Court, Menlo Park, CA 94025 (US).
- (72) **ZALIPSKY, Samuel**; 1202 Truman Street, Redwood City, CA 94061 (US). **MARTIN, Francis, J.**; 160 San Fernando Way, San Francisco, CA 94127 (US). **HUANG, Shi, Kun**; 18798 Madison Avenue, Castro Valley, CA 94546 (US).
- (74) **MOHR, Judy, M.** et al. / etc.; Dehlinger & Associates, LLP, P.O. Box 60850, Palo Alto, CA 94306-0850 (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).
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- (11) **WO 98/16202** (13) A2
- (21) PCT/US97/18838
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 60/028,269 (32) **11 Oct/oct 1996** (33) US (11.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/127
- (54) FUSOGENIC LIPOSOME COMPOSITION AND METHOD
COMPOSITION A BASE DE LIPOSOMES FUSOGENES ET PROCEDE CORRESPONDANT
- (71) **SEQUUS PHARMACEUTICALS, INC.** [US/US]; 960 Hamilton Court, Menlo Park, CA 94025 (US).
- (72) **MARTIN, Francis, J.**; 160 San Fernando Way, San Francisco, CA 94127 (US). **ZALIPSKY, Samuel**; 1202 Truman Street, Redwood City, CA 94061 (US).
- (74) **MOHR, Judy, M.** et al. / etc.; Dehlinger & Associates, LLP, P.O. Box 60850, Palo Alto, CA 94306-0850 (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).
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- (11) **WO 98/16203** (13) A1
- (21) PCT/US97/18594
- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) en (26) en
- (31) 08/730,517 (32) **11 Oct/oct 1996** (33) US (11.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ A61K 9/133
- (54) STABILIZED GAS-SUPERSATURATED EMULSIONS AND SUSPENSIONS
EMULSIONS ET SUSPENSIONS STABILISEES SURSATUREES EN GAZ
- (71) **WAYNE STATE UNIVERSITY** [US/US]; 656 West Kirby Street, Detroit, MI 48202 (US).

(72) **SPEARS, J., Richard**: 615 Bridle Path Court, Bloomfield Hills, MI 48304 (US).

(74) **DE STEFANO, Paul, R.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16204** (13) A1

(21) PCT/EP97/05621

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 96116420.9 (32) **14 Oct/oct 1996 (14.10.1996)** (33) EP

(34) CH et al. / etc.

(31) 2895/96 (32) **25 Nov/nov 1996 (25.11.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/14, 9/72, 31/015

(54) PROCESS FOR THE MANUFACTURE OF A PULVEROUS PREPARATION
PROCEDE DESTINE A LA FABRICATION
D'UNE PREPARATION EN POWDRE

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).

(72) **BAUSCH, Alexander**: Hammerstrasse 3, D-79540 Lörrach (DE). **PETER, Siegfried, K., F.**; Lindenweg 3, D-91080 Uttenreuth-Weiher (DE). **STEINER, Kurt**; Untere Schulstrasse 280, CH-4656 Starrkirch-Wil (CH). **STOLLER, Hansjörg**; Niederbergstrasse 21, CH-4153 Reinach (CH). **WEIDNER, Eckhard**; Am Dorfweiher 9, D-91056 Erlangen (DE).

(74) **KELLENBERGER, Marcus**; Grenzacherstrasse 124, CH-4070 Basle (CH).

(81) BR CN ID 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 98/16205** (13) A2

(21) PCT/US97/18901

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/733,225 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/14, 9/72

(54) STABLE GLASSY STATE POWDER FORMULATIONS
COMPOSITIONS STABLES EN POWDRE A
L'ETAT VITREUX

(63) US 08/733,225 (CIP)
17 Oct/oct 1996 (17.10.1996)

(71) **INHALE THERAPEUTIC SYSTEMS** [US/US]; 1060 East Meadow Circle, Palo Alto, CA 94303 (US).
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(72, 75) **FOSTER, Linda, C.** [US/US]; Apartment 31, 575 South Rengstorff Avenue, Mountain View, CA

94040 (US). **KUO, Mei-chang** [US/US]; 1823 Middlefield Road, Palo Alto, CA 949301 (US). **BILLINGSLEY, Sheila, R.** [US/US]; 665 Kirkland Drive #6, Sunnyvale, CA 94087 (US).

(74) **MORAN, Tom, M.**; Cooley Godward LLP, Five Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306-2155 (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 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 98/16206** (13) A1

(21) PCT/US97/18564

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/728,946 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/48, 9/50

(54) PHARMACEUTICAL DOSAGE FORM WITH MULTIPLE ENTERIC POLYMER COATINGS FOR COLONIC DELIVERY
FORME POSOLOGIQUE PHARMACEUTIQUE COMPORTANT PLUSIEURS ENROBAGES POLYMERES ENTERIQUES, DESTINEE A AGIR DANS LE COLON

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

(72) **KELM, Gary, Robert**: 8524 Althaus Road, Cincinnati, OH 45247 (US). **KONDO, Koji**: 3-2-101, Kashinodai 5-chome, Nishi-ku, Kobe 651-22 (JP). **NAKAJIMA, Akio**: 11-28-318, Sumiyoshi Honmachi, Higashinada-ku, Kobe 658 (JP).

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

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(11) **WO 98/16207** (13) A1

(21) PCT/FR97/01793

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) fr (26) fr

(31) 96/12920 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/70, 7/00

(54) MICRO-CAPSULE SUPPORT MATERIAL
MATERIAU SUPPORT DE MICROCAPSULES

(71) **3X ENGINEERING** [MC/MC]; 9, avenue Prince Héréditaire Albert, MC-98000 Monaco (MC).
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(72, 75) **BOULET D'AURIA, Stanislas** [FR/FR]; 3, boulevard du 3 Septembre, F-06320 Cap d'Ail (FR).

(74) **BONNEAU, Gérard**; Cabinet Bonneau, 7, avenue Gazan, F-06600 Antibes (FR).

(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 98/16208** (13) A1

(21) PCT/IL97/00327

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 119417 (32) **13 Oct/oct 1996 (13.10.1996)** (33) IL

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/70, 31/19

(54) METHODS AND APPARATUS FOR TREATMENT OF PARKINSON'S DISEASE
METHODES ET APPAREIL DE TRAITEMENT DE LA MALADIE DE PARKINSON

(71) **ANALYST RESEARCH LABORATORIES** [IL/IL]; Hamanof Street 3, 76386 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KUSHNIR, Moshe** [IL/IL]; Jericho Street 5, 52356 Ramat Gan (IL). **HELDMAN, Elyahu** [IL/IL]; Simtat Hamuchtar 8, 76516 Rehovot (IL).

(74) **SANFORD, T., Colb** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16209** (13) A2

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(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/729,354 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/729,342 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 9/72, A61L 27/00

(54) BIOCERAMIC COMPOSITIONS
COMPOSITIONS BIOCERAMIQUES

(71) **ETEX CORPORATION** [US/US]; 38 Sidney Street, Cambridge, MA 02138 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Dosuk, D.** [US/US]; Apartment 518, 50 Longwood Avenue, Brookline, MA 02146 (US). **REY, Christian** [FR/FR]; Lieu-dit "Les Dames", Aureville, F-31320 Castanet (FR). **AILOVA, Maria** [BG/US]; 123 Seawall Avenue, Brookline, MA 02146 (US).

(74) **JARRELL, Brenda, Herschbach**; Choate, Hall & Stewart, Exchange Place, 53 State 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16210** (13) A1

(21) PCT/US97/15091

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) en (26) en

(31) 08/730,587 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/02, 9/00

(54) FLUOROCARBON-CONTAINING AGENTS FOR PULMONARY LAVAGE AND DRUG DELIVERY
AGENTS CONTENANT UN FLUOROCARBONE POUR LAVAGE PULMONAIRE ET ADMINISTRATION DE MEDICAMENT

(71) **SONUS PHARMACEUTICALS, INC.** [US/US]; Suite 102, 22026 20th Avenue S.E., Bothell, WA 98021 (US).

(72) **QUAY, Steven, C.**; Suite F-454, Highway 99, Edmonds, WA 98026 (US).

(74) **BENGTSSON, W., Patrick** 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 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 98/16211** (13) A1

(21) PCT/US97/18465

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/729,868 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/135

(54) METHOD FOR THE ENHANCEMENT OF LYMPHOCYTE ACTIVITY AGAINST OPPORTUNISTIC MICROBIAL PATHOGENS AND TUMORS
PROCEDE PERMETTANT DE STIMULER L'ACTIVITE DES LYMPHOCYTES CONTRE LES PATHOGENES MICROBIENS OPPORTUNISTES ET LES TUMEURS

(71) **LOYOLA UNIVERSITY OF CHICAGO** [US/US]; 2160 South First Avenue, Maywood, IL 60153 (US).

(72) **LORENS, Stanley, A.**; 133 Rockford Avenue #8, Forest Park, IL 60130 (US). **MATHEWS, Herbert, L.**; 291 Fair Avenue, Elmhurst, IL 60126 (US). **CLANCY, John, Jr.**; 89 Green Valley, Naperville, IL 60540 (US). **GORAL, Joanna**; 10 Penny Royal Place, Woodridge, IL 60517 (US). **RIVELINE, Brigitte**; 8, rue des Marronniers, F-75016 Paris (FR).

(74) **HUESCHEN, Gordon, W.**; 715 The "H" Building, 310 East Michigan Avenue, Kalamazoo, MI 49007 (US).

(81) AU BR CA CN HU JP NO NZ PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/16212** (13) A1

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(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 8/270813 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/165, 47/10, 47/12

(54) LOCAL ANESTHETIC FOR EXTERNAL USE
ANESTHESIQUE LOCAL A USAGE EXTERNE

(71) **KOWA COMPANY, LTD.** [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INAGI, Toshio** [JP/JP]; 6-10-203, Nishiwaka-cho, Mishima-shi, Shizuoka 411 (JP).
MADA, Akira [JP/JP]; 2-4-7, Nakanodai, Fujikawa-machi, Ihara-gun, Shizuoka 421-33 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4-10, Higashi Nohonbashi 3-chome, Chuo-ku, Tokyo 103 (JP).

(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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16213** (13) A1

(21) PCT/EP97/05485

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) MI96A002117 (32) **11 Oct/oct 1996 (11.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/185

(54) USE OF SODIUM MERCAPTOETHANESULFONATE IN SURGERY
UTILISATION DE MERCAPTOETHANESULFONATE DE SODIUM EN CHIRURGIE

(71) **A.R.D.O.** [IT/IT]; (Associazione Ricerca e Didattica in Otologia), Via Gramsci, 14, I-43100 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZINI, Carlo** [IT/IT]; Via Gramsci, 14, I-43100 Parma (IT). **BACCIU, Salvatore** [IT/IT]; Via Gramsci, 14, I-43100 Parma (IT). **GANDOLFI, Angelo** [IT/IT]; Via Gramsci, 14, I-43100 Parma (IT). **PIAZZA, Fabio** [IT/IT]; Via Gramsci, 14, I-43100 Parma (IT). **PASANISI, Enrico** [IT/IT]; Via Gramsci, 14, I-43100 Parma (IT).

(74) **MINOJA, Fabrizio**; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16214** (13) A1

(21) PCT/JP97/03630

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) ja (26) ja

(31) 8/306952 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/195

(54) SECONDARY CATARACT INHIBITOR
INHIBITEUR DE LA CATARACTE SECONDAIRE

(71) **KISSEI PHARMACEUTICAL CO., LTD.** [JP/JP]; 19-48, Yoshino, Matsumoto-shi, Nagano 399 (JP).
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(72, 75) **ISAJI, Masayuki** [JP/JP]; 1763-189, Oaza Hirookagobara, Shiojiri-shi, Nagano 399-07 (JP). **MIYATA, Hiroshi** [JP/JP]; 453-1, Oaza Hara, Matsumoto-shi, Nagano 390-03 (JP). **AJISAWA, Yukiyoishi** [JP/JP]; 4-17-1, Minato, Okaya-shi, Nagano 394 (JP).

(74) **KISSEI PHARMACEUTICAL CO., LTD.**; Central Research Laboratories, 4365-1, Oaza Kashiwabarara, Hotaka-machi, Minamiazumi-gun, Nagano 399-83 (JP).

(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; 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 98/16215** (13) A1

(21) PCT/GB97/02441

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) en (26) en

(31) 9621373.1 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/20

(54) USE OF ESSENTIAL FATTY ACIDS FOR THE TREATMENT AND PREVENTION OF RADIATION DAMAGE TO ERYTHROCYTES
UTILISATION D'ACIDES GRAS ESSENTIELS POUR LE TRAITEMENT ET LA PREVENTION DE DOMMAGES PAR RAYONNEMENT AUX ERYTHROCYTES

(71) **SCOTIA HOLDINGS PLC** [GB/GB]; Weyvern House, Weyvern Park, Portsmouth Road, Peasmarsh, Guildford, Surrey GU3 1NA (GB).
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(72, 75) **HORROBIN, David, Frederick** [GB/GB]; Scotia House, Castle Business Park, Stirling FK9 4TZ (GB). **SCOTT, Catherine, Ann** [GB/GB]; Scotia House, Castle Business Park, Stirling FK9 4TZ (GB).

(74) **FARWELL, William, Robert**; Phillips & Leigh, 7 Staple Inn, Holborn, London WC1V 7QF (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).

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(11) **WO 98/16216** (13) A1

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(31) 9621294.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(31) 9626062.5 (32) **16 Dec/déc 1996 (16.12.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/20 // (A61K 31/20, 31/20)

(54) PHARMACEUTICAL PREPARATION COMPRISING EICOSAPENTAENOIC ACID AND/OR STEARIDONIC ACID PREPARATION PHARMACEUTIQUE CONTENANT DE L'ACIDE EICOSAPENTAENOÏQUE ET/OU DE L'ACIDE STEARIDONIQUE

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(72, 75) **HORROBIN, David, Frederick** [GB/GB]; Scotia House, Castle Business Park, Stirling FK9 4TZ (GB).

(74) **FARWELL, William, Robert**; Phillips & Leigh, 7 Staple Inn, Holborn, London WC1V 7QF (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 98/16217** (13) A1

(21) PCT/US96/16725

(22) **17 Oct/oct 1996 (17.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/20, 31/22, 31/23

(54) DISINFECTING CONTACT LENSES DECONTAMINATION DE LENTILLES DE CONTACT

(71, 72) **ISAACS, Charles, E.** [US/US]; 30 Devon Drive North, Manapalan, NJ 07726 (US). **KIM, Kwang, S.** [US/US]; 178 Dahlia Street, Staten Island, NY 10312 (US). **THORMAR, Halldor** [IS/IS]; Langagerdi 15, IS-108 Reykjavik (IS). **HEIRD, William, C.** [US/US]; 2001 Holcombe Boulevard, Houston, TX 77030 (US). **WISNIEWSKI, Henryk, M.** [US/US]; 141 Nixon Avenue, Staten Island, NY 10304 (US).

(74) **EISELE, Joseph**; Kane, Dalsimer, Sullivan, Kurucz, Levy, Eisele and Richard, 711 Third Avenue, New York, NY 10017 (US).

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

(11) **WO 98/16218** (13) A1

(21) PCT/GB97/02797

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9621273.3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/28, 31/295, 31/30, 31/315, 33/24, 33/26, 33/30, 33/32, 33/34

(54) USE OF METAL COMPLEXES TO TREAT GASTROINTESTINAL INFECTIONS UTILISATION DE COMPLEXES METALLIQUES POUR TRAITER LES INFECTIONS GASTRO-INTESTINALES

(71) **CORTECS (UK) LIMITED** [GB/GB]; The Old Blue School, Lower Square, Isleworth, Middlesex TW7 6RL (GB). (for all designated States except / pour tous les États désignés sauf US)

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(74) **CHAPMAN, Paul, William** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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 98/16219** (13) A1

(21) PCT/CN97/00100

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) zh (26) zh

(31) 96 1 17128.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) CN

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/34, 31/52, 31/57, 38/13, C07D 493/22

(54) THE MEDICINE CONTAINING TRIPTOLIDE FOR PREVENTING AND/OR TREATING ACUTE GRAFT REJECTION MEDICAMENT CONTENANT DU TRIPTOLIDE POUR PREVENIR ET/OU TRAITER LES REJETS DE GREFFES AIGUS

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(74) **LUNGTIN INT'L PATENT & TRADEMARK AGENT LTD.**; Tong Heng Tower, Suite 105, 4 Huayuan Road, Haidian District, Beijing 100088 (CN).

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

(11) **WO 98/16220** (13) A1

(21) PCT/KR97/00190

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 1996/45735 (32) **14 Oct/oct 1996 (14.10.1996)** (33) KR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/35, 31/70, A23L 1/22, 2/56

(54) HESPERIDIN AND HESPERETIN AS 3-HYDROXY-3-METHYL-GLUTARYL CoA(HMG-CoA) REDUCTASE INHIBITOR HESPERIDINE ET HESPERETINE UTILISEES EN TANT QU'INHIBITEUR DE 3-HYDROXY-3-METHYL-GLUTARYL COENZYME A (HMG CoA) REDUCTASE

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(74) **JANG, Seong, Ku** et al. / etc.; #275, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

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

(11) **WO 98/16221** (13) A1

(21) PCT/KR97/00191

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 1996/45735 (32) **14 Oct/oct 1996 (14.10.1996)** (33) KR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/35, 31/70, A23L 1/22, 2/56

(54) NARINGIN AND NARINGENIN AS 3-HYDROXY-3-METHYLGUTARYL CoA(HMG-CoA) REDUCTASE INHIBITOR NARINGINE ET NARINGENINE UTILISEES EN TANT QU'INHIBITEUR DE 3-HYDROXY-3-METHYL-GLUTARYL COENZYME A (HMG CoA) REDUCTASE

(71) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; #39-1, Hwalgok-dong, Seongbuk-gu, Seoul 136-130 (KR).

(72) BOK, Song, Hae; Garam Apartment, 15-1202, Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). SON, Kwang, Hee; Hanbit Apartment, 103-1702, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). JEONG, Tae, Sook; Hanbit Apartment, 127-1103, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). KWON, Byoung, Mog; Doryong Villa 102, #380-51, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). KIM, Young, Kook; Hanbit Apartment, 102-601, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). CHOI, Doil; Kist Apartment, 2-305, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). KIM, Sung, Uk; Hanbit Apartment, 110-405, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). BAE, Ki, Hwan; #113-12, Goijong-dong, Seo-gu, Daejeon 302-200 (KR). PARK, Yong, Bok; Garden Heights Apartment, 102-203, Bumeo-4-dong, Suseong-gu, Daegu 706-014 (KR). CHOI, Myung, Sook; Garden Heights Apartment, 102-203, Bumeo-4-dong, Suseong-gu, Daegu 706-014 (KR). HWANG, Ingyu; Kist Apartment, 2-205, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). MOON, Surk, Sik; Gomnaru Apartment, 101-601, #5, Shinkwan-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). KWON, Yong, Kook; Hanbit Apartment, 126-1307, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). AHN, Jung, Ah; #162-40, Gayang-2-dong, Dong-gu, Daejeon 300-092 (KR). LEE, Eun, Sook; #49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR).

(74) JANG, Seong, Ku et al. / etc.; #275, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

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

(11) WO 98/16222 (13) A1

(21) PCT/US97/15323

(22) 7 Oct/oct 1997 (07.10.1997)

(25) en (26) en

(31) 60/028,296 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

(31) 60/027,543 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(31) 60/048,218 (32) 30 May/mai 1997 (30.05.1997) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/405, C07D 209/34

(54) PREPARATION OF 3-FLUORO OXINDOLE DERIVATIVES
PREPARATION DE DERIVES DE 3-FLUORO OXINDOLE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; 5 Research Parkway, Wallingford, CT 06492-7660 (US).

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(74) ALGIERI, Aldo, A.; Bristol-Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492-7660 (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 98/16223 (13) A1

(21) PCT/EP97/05381

(22) 1 Oct/oct 1997 (01.10.1997)

(25) de (26) de

(31) 196 42 255.8 (32) 14 Oct/oct 1996 (14.10.1996) (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/415, C07D 405/04, 409/04

(54) USE OF CONDENSATED (HETARYL-SUBSTITUTED) 1-BENZAL-3-PYRAZOL DERIVATES FOR TREATING SPECIAL DISEASES OF THE CARDIOVASCULAR AND THE CENTRAL NERVOUS SYSTEMS
UTILISATION DE 1-BENZAL-3-DERIVES CONDENSES (HETARYL-SUBSTITUES) DE PYRAZOL POUR LE TRAITEMENT DE CERTAINES AFFECTIONS DU SYSTEME CARDIOVASCULAIRE ET DU SYSTEME NERVEUX CENTRAL

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(72, 75) ROBYR, Chantal [CH/DE]; Bismarckstrasse 23, D-45470 Mülheim (DE). STRAUB, Alexander [DE/DE]; Moospfad 30, D-42113 Wuppertal (DE). NIEWÖHNER, Ulrich [DE/DE]; Gartenstrasse 3, D-42929 Wermelskirchen (DE). JAETSCH, Thomas [DE/DE]; Eintrachtstrasse 105, D-50668 Köln (DE). FEURER, Achim [DE/DE]; Schlinghofener Strasse 36, D-51519 Odenthal (DE). KAST, Raimund [DE/DE]; Badische Strasse 7, D-42389 Wuppertal (DE). STASCH, Johannes-Peter [DE/DE]; Alfred-Nobel-Strasse 109, D-42651 Solingen (DE). PERZBORN, Elisabeth [DE/DE]; Am Tescher Busch 13, D-42327 Wuppertal (DE). HÜTTER, Joachim [DE/DE]; Teschensudberger Strasse 13, D-42349 Wuppertal (DE). DEMBOWSKY, Klaus [DE/DE]; Bismarckstrasse 85, D-42115 Wuppertal (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(21) PCT/EP97/05532

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(31) 196 42 284.1 (32) 14 Oct/oct 1996 (14.10.1996) (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/415

(54) PYRAZOLINONES TO TREAT DISTURBANCES OF POTENCY

PYRAZOLINONES POUR TRAITER DES TROUBLES DE L'ERECTION

(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) ARLT, Michael [DE/DE]; Friedrich-Ebert-Strasse 73, D-64342 Seeheim (DE). JONAS, Rochus [DE/DE]; Stormstrasse 7, D-64291 Darmstadt (DE). SCHELLING, Pierre [CH/DE]; Bordenbergweg 17, D-64367 Mühlthal (DE). CHRISTADLER, Maria [DE/DE]; Dürerstrasse 10, D-63322 Rödermark (DE). KLUXEN, Franz-Werner [DE/DE]; Bessunger Strasse 3, D-64285 Darmstadt (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, D-64293 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(21) PCT/US97/18601

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(31) 08/731,702 (32) 17 Oct/oct 1996 (17.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/415, 31/405

(54) TREATMENT OF URINARY INCONTINENCE AND COMPOSITIONS FOR USE THEREIN
TRAITEMENT DE L'INCONTINENCE D'URINE ET COMPOSITIONS A CET USAGE

(71) MILKHAUS LABORATORY, INC. [US/US]; Larry Hill Road, Corner of Westfall, R.D. 1 Delanson, Delanson, NY 12053 (US).

(72) McMICHAEL, John; Larry Hill Road, Corner of Westfall, R.D. 1 Delanson, Delanson, NY 12053 (US).

(74) CHOI, Jane, J.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (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 98/16226 (13) A1

(21) PCT/US97/18637

(22) 17 Oct/oct 1997 (17.10.1997)

(25) en (26) en

(31) 08/734,464 (32) 17 Oct/oct 1996 (17.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/415, 31/165, 31/155

(54) USE OF LOFEXIDINE IN THE TREATMENT OF BEHAVIORAL DISORDERS
UTILISATION DE LOFEXIDINE DANS LE TRAITEMENT DE TROUBLES DU COMPORTEMENT

(71, 72) **ARNSTEN, Amy, F., T.** [US/US]; 376 Sperry Road, Bethany, CT 06524 (US). **GOLDMAN-RAKIC, Patricia, S.** [US/US]; 253 St. Ronan Drive, New Haven, CT 06511 (US). **HUNT, Robert, D.** [US/US]; 2129 Cedar Lane, Nashville, TN 37212 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

(81) AU BR CA CN CZ EE GE HU ID IL JP KR LT LV MX NO NZ PL RU SG SI TR UA UZ YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16227** (13) A1

(21) PCT/US97/18670

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,494 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/415, 31/10, 31/18

(54) METHOD OF USING CYCLOOXYGENASE-2 INHIBITORS IN THE TREATMENT AND PREVENTION OF NEOPLASIA
APPLICATION D'INHIBITEURS DE LA CYCLOGENASE-2 AU TRAITEMENT ET A LA PREVENTION DU PROCESSUS NEOPLASIQUE

(63) US 60/028,494 (CIP)
15 Oct/oct 1996 (15.10.1996)

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

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(74) **BULLOCK, Joseph, W.** et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (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 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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(31) 9603725-4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/44, 31/415

(54) USE OF AN H₂K-ATPase INHIBITOR IN THE TREATMENT OF NASAL POLYPS
UTILISATION D'UN INHIBITEUR DE H₂K-ATPase DANS LE TRAITEMENT DE POLYPS DU NEZ

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(72, 75) **LINDBERG, Per** [SE/SE]; Gundas Gata 40, S-431 51 Mölndal (SE). **PINAS-MASSO, Joan** [ES/ES]; 2^o-3^o piso, Placa Francesc Masia, 8, E-08029 Barcelona (ES). **SERRA-CARRERAS, Jordi** [ES/ES]; 1^o-3^o piso, Paseo Pere III, 71ü, E-08240 Manresa (ES). **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 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).

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(31) 08/728,945 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/44, 9/28

(54) BISACODYL DOSAGE FORM WITH MULTIPLE ENTERIC POLYMER COATINGS FOR COLONIC DELIVERY
FORME POSOLOGIQUE DE BISACODYL COMPRENANT PLUSIEURS ENROBAGES POLYMERES ENTERIQUES POURS ASSURER L'APPORT DANS LE COLON

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

(72) **KELM, Gary, Robert**; 8524 Althaus Road, Cincinnati, OH 45247 (US). **KONDO, Koji**; 3-2-101, Kashinodai 5-chome, Nishi-ku, Kobe 651-22 (JP). **NAKAJIMA, Akio**; 11-28-318, Sumiyoshi Honmachi, Higashinada-ku, Kobe 658 (JP).

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

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

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(22) **17 Oct/oct 1997 (17.10.1997)**

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(31) 60/028,674 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/535, 31/505, 31/44, 31/47, 31/415

(54) METHODS FOR REVERSIBLY INHIBITING MYELOPOIESIS IN MAMMALIAN TISSUE
PROCEDES PERMETTANT D'INHIBER DE MANIERE REVERSIBLE LA MYELOPOIESE DANS DES TISSUS MAMMALIENS

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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(72, 75) **HOROWITZ, Daniel** [US/US]; 155 Cricket Avenue, Ardmore, PA 19003 (US). **KING, Andrew, G.** [US/US]; 1649 Sylvan Drive, Blue Bell, PA 19422 (US).

(74) **DINNER, Dara, L.** 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) AL AM AU BB BG BR CA CN CZ EE GE GH HU ID IL IS JP KG KP KR LK LR LT LV MD 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16231** (13) A1

(21) PCT/CH97/00368

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 2480/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/55 // (A61K 31/55, 31:135)

(54) SOPORIFIC CONTAINING LORAZEPAM AND DIPHENEHYDRAMINE
SOMNIFERE CONTENANT DU LORAZEPAM ET DE LA DIPHENEHYDRAMINE

(71) **MEDICHEMIE AG** [CH/CH]; Brühlstrasse 50, D-4107 Ettlingen (CH).
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(72, 75) **WIDAUER, Josef, Olaf** [AT/CH]; Beim Lindenbaum 17, CH-4123 Allschwil (CH).

(74) **LAUER, Joachim**; Hug Interlizenz AG, Nordstrasse 31, CH-8035 Zürich (CH).

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

(11) **WO 98/16232** (13) A1

(21) PCT/US97/18545

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/733,051 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/565

(54) USE OF 8,9-DEHYDROESTRONE FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF VASOMOTOR SYMPTOMS
UTILISATION DE 8,9-DESHYDROESTERONE POUR FABRIQUER UN MEDICAMENT PERMETTANT DE TRAITER LES SYMPTOMES VASOMOTEURS

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **LYTTLE, Cecil, Richard**; 120 Edgehill Road, Bala Cynwyd, PA 19004 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, Patent Law Dept.-2B, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16233** (13) A1

(21) PCT/GB97/02756

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 9621293.1 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/685

(54) FORMULATIONS CONTAINING PHOSPHATIDYLETHANOLAMINE PREPARATIONS CONTENANT DE LA PHOSPHATIDYLETHANOLAMINE

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(72, 75) **HORROBIN, David, Frederick** [GB/GB]; Scotia House, Castle Business Park, Stirling FK9 4TZ (GB). **HERSLOF, Bengt** [SE/SE]; P.O. Box 6686, S-113 84 Stockholm (SE).

(74) **FARWELL, William, Robert**; Phillips & Leigh, 7 Staple Inn, Holborn, London WC1V 7QF (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 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 98/16234** (13) A1

(21) PCT/US97/18256

(22) **10 Oct/oct 1997 (10.10.1997)**

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(31) 08/730,733 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/685, 31/205, 31/13

(54) LONG CHAIN CARBOXYBETAINES IN ANTI-MICROBIAL FORMULATIONS BETAINES CARBOXYLIQUES A LONGUE CHAÎNE UTILISEES DANS DES FORMULATIONS ANTIMICROBIENNES

(63) US 08/730,733 (CIP) 11 Oct/oct 1996 (11.10.1996)

(71) **QUEST DIAGNOSTICS INCORPORATED** [US/US]; 1 Malcolm Avenue, Teterboro, NJ 07608 (US). **CHILDRENS HOSPITAL LOS ANGELES** [US/US]; 4650 Sunset Boulevard, Mailstop #84, Los Angeles, CA 90027 (US). (for all designated States except / pour tous les États désignés sauf US)

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(74) **CIMBALA, Michele, A.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

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

(11) **WO 98/16235** (13) A1

(21) PCT/JP97/03698

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/291148 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/70, 38/19, C07H 15/04, C07K 14/53

(54) PERIPHERAL BLOOD STEM CELL-INCREASING AGENTS CONTAINING GLYCOSIDES AGENTS AUGMENTANT LE NOMBRE DE CELLULES SOUCHES DU SANG PERIPHERIQUE ET CONTENANT DES GLUCOSIDES

(71) **KIRIN BREWERY COMPANY, LIMITED** [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOEZUKA, Yasuhiko** [JP/JP]; Kirin Brewery Company, Limited, Iyakutansakukenyujo, 3, Miyaharamachi, Takasaki-shi, Gunma-ken 370-12 (JP). **MOTOKI, Kazuhiro** [JP/JP]; Kirin Brewery Company, Limited, Iyakutansakukenyujo, 3, Miyaharamachi, Takasaki-shi, Gunma-ken 370-12 (JP).

(74) **KAWAGUCHI, Yoshio** et al. / etc.; Yamada Building, 1-14, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160 (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 KP KR KZ LC LK LR LS LT LU LV 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).

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(21) PCT/US97/18430

(22) **15 Oct/oct 1997 (15.10.1997)**

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(31) 08/730,367 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/70, 31/73

(54) COMPOSITION AND METHOD FOR TREATING FUNGAL DISEASE IN ANIMALS COMPOSITION ET PROCEDE PERMETTANT DE TRAITER LES MYCOSES CHEZ LES ANIMAUX

(71, 72) **PLATT, David** [IL/US]; Building 300, One Kendall Square, Cambridge, MA 02139-9645 (US).

(74) **CITKOWSKI, Ronald, W.** et al. / etc.; Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (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).

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(21) PCT/JP97/03720

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 8/293328 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 31/785, 9/20

(54) ANION EXCHANGE RESIN-CONTAINING TABLETS COMPRIMES CONTENANT UNE RESINE ECHANGEUSE D'ANIONS

(71) **HISAMITSU PHARMACEUTICAL CO., INC.** [JP/JP]; 408, Tashirodaikan-machi, Tosu-shi, Saga-ken 841 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Takeshi** [JP/JP]; Tsukuba Research & Development Center, Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki-ken 305 (JP). **MENO, Tatsuya** [JP/JP]; Tsukuba Research & Development Center, Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki-ken 305 (JP).

(74) **SAEKI, Norio**; 2nd Tuchiya Building, 9th floor, 30-9, Taito 1-chome, Taito-ku, Tokyo 110 (JP).

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

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(31) 60/028,548 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 35/14, 45/05, 39/00, 48/00, C12N 5/08 // 5/86, C07K 14/54, 14/525

(54) CANCER IMMUNOTHERAPY USING TUMOR CELLS COMBINED WITH MIXED LYMPHOCYTES IMMUNOTHERAPIE ANTICANCEREUSE UTILISANT DES CELLULES TUMORALES COMBINEES A DES LYMPHOCYTES MIXTES

(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) **HISERODT, John, C.** [US/US]; 6722 Lawn Haven Drive, Huntington Beach, CA 92648 (US). **THOMPSON, James, A.** [US/US]; 6 Flinstone, Aliso Viejo, CA 92656 (US). **GRANGER, Gale, A.** [US/US]; 31562 Santa Rosa, Laguna Beach, CA 92714 (US).

(74) **SCHIFF, J., Michael** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16239** (13) A1

(21) PCT/KR97/00192

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 1996/45735 (32) **14 Oct/oct 1996 (14.10.1996)** (33) KR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 35/78

(54) CITRUS PEEL EXTRACT AS 3-HYDROXY-3-METHYLGLUTARYL CoA(HMG-CoA) REDUCTASE INHIBITOR
EXTRAIT D'ECORCE DE CITRUS UTILISE EN TANT QU'INHIBITEUR DE 3-HYDROXY-3-METHYL-GLUTARYL COENZYME A (HMG CoA) REDUCTASE

(71) **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 39-1, Hwalokog-dong, Seongbuk-gu, Seoul 136-130 (KR).

(72) **BOK, Song, Hae**; Garam Apt. 15-1202, Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). **SON, Kwang, Hee**; Hanbit Apt. 103-1702, 99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **JEONG, Tae, Sook**; Hanbit Apt. 127-1103, 99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **KWON, Byoung, Mog**; Doryong Villa 102, 380-51, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **KIM, Young, Kook**; Hanbit Apt. 102-601, 99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **CHOI, Doil**; Kist Apt. 2-305, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **KIM, Sung, Uk**; Hanbit Apt. 110-405, 99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **BAE, Ki, Hwan**; 113-12, Goijeong-dong, Seo-gu, Daejeon 302-200 (KR). **PARK, Yong, Bok**; Garden Heights Apt. 102-203, Bumeo 4-dong, Suseong-gu, Daegu 706-014 (KR). **CHOI, Myung, Sook**; Garden Heights Apt. 102-203, Bumeo-4-dong, Suseong-gu, Daegu 706-014 (KR). **HWANG, Ingyu**; Kist Apt. 2-206, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **MOON, Surk, Sik**; Gomnaru Apt. 101-601, 5, Sinkwang-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). **KWON, Yong, Kook**; Hanbit Apt. 126-1307, 99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **AHN, Jung, Ah**; 162-40, Gayang-2-dong, Dong-gu, Daejeon 300-092 (KR). **LEE, Eun, Sook**; 49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR).

(74) **JANG, Seong, Ku** et al. / etc.; 275, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

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

(11) **WO 98/16240** (13) A1

(21) PCT/US97/18538

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/027,544 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 38/00

(54) PEPTIDE-LIPID CONJUGATES, LIPOSOMES AND LIPOSOMAL DRUG DELIVERY CONJUGUES DE PEPTIDE-LIPIDE, LIPOSOMES ET APPORT DE MEDICAMENTS PAR DES LIPOSOMES

(71) **THE LIPOSOME COMPANY, INC.** [US/US]; One Research Way, Princeton Forrestal Center, Princeton, NJ 08540 (US).

(72) **MEERS, Paul, R.**; 29 Berrien Avenue, Princeton Junction, NJ 08550 (US). **PAK, Charles**; 2306 Aspen Drive, Plainsboro, NJ 08536 (US). **ALI, Shaikat**; 24 Jamie Court, Monmouth Junction, NJ 08852 (US). **JANOFF, Andrew, S.**; 560 Countess Drive, Yardley, PA 19067 (US). **FRANKLIN, J., Craig**; 317 Opossum Road, Skillman, NJ 08558 (US). **ERUKULLA, Ravi, K.**; 2104 Deer Creek Drive, Plainsboro, NJ 08536 (US). **CABRAL-LILLY, Donna**; 47 Drewes Court, Lawrenceville, NJ 08648 (US).

(74) **RUBIN, Kenneth, B.**; The Liposome Company, Inc., One Research Way, Princeton Forrestal Center, Princeton, NJ 08540 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(31) 60/028,420 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 38/10, 38/16, 31/335, 31/135, C07K 7/08, 14/47

(54) METHOD OF DISRUPTING CELLULAR ADHESION
PROCEDE SERVANT A PERTURBER L'ADHESION CELLULAIRE

(71) **VANDERBILT UNIVERSITY** [US/US]; 305 Kirkland Hall, Nashville, TN 37240 (US).
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(72, 75) **HAWIGER, Jack, J.** [US/US]; 1818 Laurel Ridge Drive, Nashville, TN 37215 (US). **TIMMONS, Sheila** [US/US]; 4207 Belmont Park Terrace, Nashville, TN 37215 (US). **LIU, Xue-Yan** [CN/US]; 3000 Hillsboro Road #113, Nashville, TN 37215 (US).

(74) **SELBY, Elizabeth** et al. / etc.; Needle & Rosenberg, 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

(81) AU CA US.

(11) **WO 98/16242** (13) A1

(21) PCT/US97/14536

(22) **19 Aug/Août 1997 (19.08.1997)**

(25) en (26) en

(31) 60/028,566 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 38/18 // (A61K 38/18, 38/17)

(54) METHOD OF ENHANCING THE DELIVERY OF GROWTH FACTORS

PROCEDE D'AMELIORATION DE L'ADMINISTRATION DE FACTEURS DE CROISSANCE

(71) **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591-6707 (US).
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(72, 75) **CROLL-KALISH, Susan** [US/US]; 150 Altamont Avenue, Tarrytown, NY 10591 (US). **DI STEFANO, Peter, S.** [US/US]; 8 Ridge Drive, Carmel, NY 10512 (US). **WIEGAND, Stanley, J.** [US/US]; 21 Overton Road, Ossining, NY 10562 (US). **LINDSAY, Ronald, M.** [GB/US]; 479 Chapqua Road, Briarcliff Manor, NY 10510 (US).

(74) **KEMLER, Gail** et al. / etc.; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, NY 10591 (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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(21) PCT/US97/18667

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/028,495 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 60/032,253 (32) **6 Dec/déc 1996 (06.12.1996)** (33) US

(31) 60/033,457 (32) **10 Dec/déc 1996 (10.12.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 38/18

(54) USES OF KERATINOCYTE GROWTH FACTOR-2
UTILISATIONS DU FACTEUR-2 DE CROISSANCE DE KERATINOCYTE

(71) **AMGEN INC.** [US/US]; Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320-1789 (US).
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(72, 75) **LACEY, David, L.** [US/US]; 614 Paseo Vista, Thousand Oaks, CA 91320 (US). **ULICH, Thomas, R.** [US/US]; 13068 Lexington Hills Drive, Camarillo, CA 93012 (US). **DANILENKO, Dimitry, M.** [US/US]; 13082 Rancho Vista Court, Camarillo, CA 93012 (US). **FARRELL, Catherine, L.** [US/US]; 28051 Magic Mountain Lane, Canyon Country, CA 91351 (US).

(74) **ODRE, Steven, M.** et al. / etc.; Amgen, Inc., Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320-1789 (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 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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 (31) 8/295666 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 38/27
 (54) MEDICINE AS AN AID FOR HYPOTHERMIA
 MEDICAMENT UTILISE COMME ADJUVANT
 DANS L'HYPOTHERMIE
 (71) **SUMITOMO PHARMACEUTICALS COMPANY, LIMITED** [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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 (72, 75) **HAYASHI, Nariyuki** [JP/JP]; 6-16-31, Ooi-zumi-Gakuen-cho, Nerima-ku, Tokyo 178 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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 (21) PCT/JP97/01259
 (22) **11 Apr/avr 1997 (11.04.1997)**
 (25) ja (26) ja
 (31) 8/272537 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 39/00, G01N 33/564, C07K 14/725, C12N 15/12
 (54) METHOD OF AUTOANTIBODY ASSAY
 PROCEDE DE DETERMINATION D'UN AUTO-ANTICORPS
 (71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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 (72, 75) **TAMINATO, Tomohiko** [JP/JP]; 3347-43, Azahachijuidani, Tomizuka-cho, Hamamatsu-shi, Shizuoka 432 (JP).
 (74) **TAKAYAMA, Hirotugu**; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
 (81) JP US.

- (11) **WO 98/16246** (13) A1
 (21) PCT/US97/18455
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/731,597 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 39/00 // 48/00
 (54) CYTOKINE ENHANCED IMMUNOTHERAPY
 FOR BRAIN TUMORS
 IMMUNOTHERAPIE AMELIOREE PAR CYTOKINE POUR TUMEURS CEREBRALES

- (63) US 08/731,597 (CIP)
 16 Oct/oct 1996 (16.10.1996)
 (71) **JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).
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 (72, 75) **BREM, Henry** [US/US]; 11201 Five Springs Road, Lutherville, MD 21093 (US). **PARDOLL, Drew, M.** [US/US]; 19400 James Creek Court, Brookeville, MD 20833 (US). **THOMPSON, Reid, C.** [US/US]; 632 Estate Circle, Daly City, CA 94014 (US). **JAFFEE, Elizabeth, M.** [US/US]; 20 Summer Fields Court, Lutherville, MD 21093 (US). **LEONG, Kam, W.** [US/US]; 10242 Breconshire Road, Ellicott City, MD 21043 (US). **EWEND, Matthew, G.** [US/US]; 224 Huntington Drive, Chapel Hill, NC 27514 (US).
 (74) **PABST, Patrea, L.**; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (US).
 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16247** (13) A1
 (21) PCT/US97/19004
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 60/028,118 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 39/00, 39/385, 39/39
 (54) IMMUNOSTIMULATORY POLYNUCLEOTIDE/IMMUNOMODULATORY MOLECULE CONJUGATES
 CONJUGUES POLYNUCLEOTIDE IMMUNOSTIMULATEUR/MOLECULE IMMUNOMODULATRICE
 (63) US 60/028,118 (CIP)
 11 Oct/oct 1996 (11.10.1996)
 (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3350 (US).
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 (72, 75) **CARSON, Dennis, A.** [US/US]; 14824 Visa Del Oceano, Del Mar, CA 92014 (US). **RAZ, Eyal** [US/US]; 7965 Camina Huerta, San Diego, CA 92122 (US). **ROMAN, Mark** [US/US]; 8742-33 Villa La Jolla Drive, La Jolla, CA 92037 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA 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 98/16248** (13) A1
 (21) PCT/US96/16007
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- (25) en (26) en
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 39/395, 39/39
 (54) METHODS FOR ENHANCING ORAL TOLERANCE AND TREATING AUTOIMMUNE DISEASE USING INHIBITORS OF INTERLEUKIN-12
 METHODES DE STIMULATION DE LA TOLERANCE ORALE ET DE TRAITEMENTS D'UNE MALADIE AUTO-IMMUNE A L'AIDE D'INHIBITEURS D'INTERLEUKINE-12
 (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 625, 6011 Executive Boulevard, Rockville, MD 20852 (US).
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 (72, 75) **STROBER, Warren** [US/US]; 8301 Whittier Boulevard, Bethesda, MD 20817 (US). **KELSALL, Brian, L.** [US/US]; 5050 Eskridge Terrace, N.W., Washington, DC 20216 (US). **MARTH, Thomas** [US/US]; 4514 Dresden Street, Kensington, MD 20895 (US).
 (74) **NEEDLE, William, H.** et al. / etc.; Needle & Rosenberg, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).
 (81) AU CA JP US.

- (11) **WO 98/16249** (13) A1
 (21) PCT/US97/18035
 (22) **3 Oct/oct 1997 (03.10.1997)**
 (25) en (26) en
 (31) 60/028,270 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ A61K 39/395
 (54) METHODS AND COMPOSITIONS FOR IMMUNOMODULATION
 METHODES D'IMMUNOMODULATION ET COMPOSITIONS ASSOCIEES
 (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).
 (72) **ARUFFO, Alejandro, A.**; 33 Cheston Court, Belle Mead, NJ 08502 (US). **CHALUPNY, N., Jan**; 5603 Phinney Avenue North, Seattle, WA 98103 (US). **CHEN, Lieping**; 8045 40th Avenue N.E., Seattle, WA 98115 (US). **MITTLER, Robert, S.**; 6 Jenny Jump Court, Flemington, NJ 08822 (US). **SHUFORD, Walter, W.**; 21700 N.E. 62nd, Redmond, WA 98053 (US). **SIADAK, Anthony, W.**; 6210 1st Avenue N.W., Seattle, WA 98107 (US).
 (74) **SORRENTINO, Joseph, M.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 TJ TM TR TT UA UG UZ VN; 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 98/16250** (13) A1
 (21) PCT/US97/18575

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 60/028,167 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(31) 60/052,920 (32) 15 Jul/juillet 1997 (15.07.1997) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/06, 9/10, 38/48, 38/17, 48/00

(54) STABLE PROTEIN AND NUCLEIC ACID FORMULATIONS USING NON-AQUEOUS, ANHYDROUS, APROTIC, HYDROPHOBIC, NON-POLAR VEHICLES WITH LOW REACTIVITY
 PRÉPARATIONS STABLES DE PROTÉINES ET D'ACIDES NUCLÉIQUES UTILISANT DES VÉHICULES NON AQUEUX, ANHYDRES, HYDROPHOBES ET NON POLAIRES, A FAIBLE REACTIVITE

(71) ALZA CORPORATION [US/US]; 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).
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(72, 75) KNEPP, Victoria, Marie [US/US]; 1229 Pennyroyal Terrace, Sunnyvale, CA 94087 (US).
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 SMITH, Jessica, G. [US/US]; 1063 Morse Avenue #22-207, Sunnyvale, CA 94089 (US).
 HUANG, Manley, T., F. [US/US]; 504 El Capitan Place, Palo Alto, CA 94306 (US).

(74) SABATINE, Paul, L. et al. / etc.; Alza Corporation, 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (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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(21) PCT/CH97/00387

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(31) 96116530.5 (32) 16 Oct/oct 1996 (16.10.1996) (33) EP

(34) DE et al. / etc.

(31) 97102085.4 (32) 10 Feb/fév 1997 (10.02.1997) (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/14, 47/04

(54) NEW CARRIER SYSTEMS
 NOUVEAUX SYSTEMES D'EXCIPIENTS

(71) IPR-INSTITUTE FOR PHARMACEUTICAL RESEARCH AG [CH/CH]; Lörracherstrasse 50, CH-4125 Riehen (CH).
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(72, 75) MEYER, Hans [CH/CH]; Bäumlweg 18, CH-4125 Riehen (CH).
 WASMER, Hermann [CH/CH]; Störklingasse 60, CH-4125 Riehen (CH).

(74) GOTH, Helmut; Erlensträsschen 63, CH-4125 Riehen (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 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 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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(31) 9603724-7 (32) 11 Oct/oct 1996 (11.10.1996) (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/34, 9/00, 38/55

(54) NEW PHARMACEUTICAL PARENTERAL FORMULATION OF A THROMBIN INHIBITOR
 NOUVELLE FORMULATION PHARMACEUTIQUE PARENTERALE D'UN INHIBITEUR DE THROMBINE

(71) ASTRA AKTIEBOLAG [SE/SE]; S-151 85 Södertälje (SE).
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(72, 75) LUNDGREN, Anna [SE/SE]; Topeliusgatan 4, S-412 68 Göteborg (SE).
 SKANTZE, Urban [SE/SE]; Östernäsvägen 30, S-431 36 Mölndal (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16253 (13) A1

(21) PCT/JP97/03710

(22) 15 Oct/oct 1997 (15.10.1997)

(25) ja (26) ja

(31) 8/272425 (32) 15 Oct/oct 1996 (15.10.1996) (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/48

(54) BIOACTIVE POLYMER PRODUCT
 PRODUIT POLYMERE BIOACTIF

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUKAGAWA, Yasuo [JP/JP]; 9-2, Imaizumidai 3-chome, Kamakura-shi, Kanagawa 247 (JP).
 MIYA, Akiko [JP/JP]; Shonan Shiroyama 14-103, Ohba 5244-1, Fujisawa-shi, Kanagawa 251 (JP).

(74) SHAMOTO, Ichio et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Building, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD 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 98/16254 (13) A1

(21) PCT/US97/17924

(22) 14 Oct/oct 1997 (14.10.1997)

(25) en (26) en

(31) 60/028,430 (32) 17 Oct/oct 1996 (17.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/48, 51/08, C07K 19/00

(54) NON-ANTIGENIC TOXIN-CONJUGATE AND FUSION PROTEIN OF INTERNALIZING RECEPTOR SYSTEM
 CONJUGUE D'UNE TOXINE NON ANTIGENIQUE ET PROTEINE DE FUSION D'UN SYSTEME RECEPTEUR DE PENETRATION INTRACELLULAIRE

(63) US 60/028,430 (CON)
 17 Oct/oct 1996 (17.10.1996)

(71) IMMUNOMEDICS, INC. [US/US]; 300 American Road, Morris Plains, NJ 07950 (US).
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(72, 75) GOLDENBERG, David, M. [US/US]; 30 Pleasant Valley Road, Mendham, NJ 07945 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(21) PCT/US97/18368

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(31) 08/730,111 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(31) Not furnished / non communiqué (32) 15 Oct/oct 1997 (15.10.1997) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 47/48

(54) STABILIZED CONJUGATES OF UNCOMPLEXED SUBUNITS OF MULTIMERIC PROTEINS
 CONJUGUES STABILISES DE SOUS-UNITES NON COMPLEXES DE PROTÉINES MULTIMÈRES

(63) US 08/730,111 (CIP)
 15 Oct/oct 1996 (15.10.1996)

(71) NAVIX, INC. [US/US]; 542 Flynn Road, Camarillo, CA 93012 (US).
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(72, 75) **DAVÉ, Kirti, I.** [IN/US]; 2533 Vistawood Circle #24, Thousand Oaks, CA 91362 (US). **BO-TYANSZKI, Janos** [HU/US]; 813 Paseo Camarillo #490, Camarillo, CA 93010 (US). **SINTAR, Eva** [HU/US]; 2531 Bogart Street, Camarillo, CA 93010 (US).

(74) **AXFORD, Laurie, 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 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 98/16256** (13) A1

(21) PCT/US97/18412

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/732,043 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 49/00, G01N 31/00, 33/48

(54) MAGNETIC RESONANCE IMAGING OF THROMBI
IMAGERIE PAR RESONANCE MAGNETIQUE UTILISEE DETECTER UN THROMBUS

(71) **THE BURNHAM INSTITUTE** [US/US]; 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **TOLLEY, James, O.**; 25745 Caryn Court, Ramona, CA 92065 (US). **MAZUR, Paul, Curtis**; 943 Armada Terrace, San Diego, CA 92106 (US). **MULLEN, Daniel, G.**; 860 Turquoise Street #130, San Diego, CA 92109 (US). **PIERSCHBACHER, Michael, D.**; 766 Amiford Drive, San Diego, CA 92107 (US). **TSCHOPP, Juerg**; 12668 Intermezzo Way, San Diego, CA 92130 (US).

(74) **PERKINS, Susan, M.** et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (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 98/16257** (13) A2

(21) PCT/US97/19143

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/735,594 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61K 49/00

(54) STABILIZED MICROPARTICLES AND THEIR USE AS ULTRASOUND CONTRAST AGENTS
MICROPARTICULES STABILISEES ET LEUR UTILISATION COMME AGENT DE CONTRASTE EN IMAGERIE A ULTRASONS

(71) **MOLECULAR BIOSYSTEMS, INC.** [US/US]; 10030 Barnes Canyon Road, San Diego, CA 92121-2789 (US).

(71, 72) **LOHRMANN, Rolf** [DE/US]; 5531 Linda Rosa Avenue, La Jolla, CA 92037 (US). **GOLEC, Brent, Lee** [US/US]; Apartment C, 4034 Mahaila Avenue, San Diego, CA 92122 (US).

(74) **AXFORD, Laurie, A.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(11) **WO 98/16258** (13) A1

(21) PCT/US97/18758

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,355 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 2/08, A61F 2/30, B32B 27/16, 27/32

(54) WEAR RESISTANT SURFACE-GRADIENT CROSS-LINKED POLYETHYLENE POLYETHYLENE RETICULE A GRADIENT DE SURFACE, RESISTANT A L'USURE

(71) **THE ORTHOPAEDIC HOSPITAL** [US/US]; 2400 South Flower Street, Los Angeles, CA 90007-2693 (US).

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(72, 75) **MCKELLOP, Harry, A.** [US/US]; 826 South Sierra Bonita Avenue, Los Angeles, CA 90036 (US). **SHEN, Fu-Wen** [-/US]; 20308 Trails End Road, Walnut, CA 91789 (US).

(74) **WONG, Wean, Khing**; 1441 Huntington Drive #210, South Pasadena, CA 91030 (US).

(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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(31) 9603735-3 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 2/20, B65B 55/10

(54) A METHOD OF STERILIZING A PACKAGE MATERIAL
PROCEDE SERVANT A STERILISER UN MATERIAU D'EMBALLAGE

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).

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(72, 75) **BJERBORN, Thomas** [SE/SE]; Vårdersgatan 6B, S-222 27 Lund (SE).

(74) **PETRI, Stellan** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(31) 08/732,038 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 2/26, G01N 21/35, 21/88

(54) SCANNING DEVICE FOR EVALUATING CLEANLINESS AND INTEGRITY OF MEDICAL AND DENTAL INSTRUMENTS
DISPOSITIF DE BALAYAGE UTILISE POUR EVALUER LA PROPRETE ET LE BON ETAT D'INSTRUMENTS MEDICAUX ET DENTAIRE

(71) **STERIS CORPORATION** [US/US]; 5960 Heisley Road, Mentor, OH 44060 (US).

(72) **MALCHESKY, Paul, S.**; 239 Barrington Ridge, Painesville Township, OH 44077 (US).

(74) **KOCOVSKY, Thomas, E., Jr.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, Suite 700, 1100 Superior Avenue, Cleveland, OH 44114-2518 (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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(31) PO 3024 (32) **16 Oct/oct 1996 (16.10.1996)** (33) AU

(31) PO 3213 (32) **25 Oct/oct 1996 (25.10.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 9/00, 9/01, E03C 1/126, B01J 20/12, B01D 53/04, 53/82, 53/14, 53/34

(54) METHOD AND APPARATUS FOR DEODORISATION AND DETOXIFICATION
PROCEDE ET APPAREIL DE DESODORISATION ET DE DETOXIFICATION

(71) **ENVIRO-MATE PTY. LTD.** [AU/AU]; 4a Merrell Street, Booval, Ipswich, QLD 4304 (AU).
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(72, 75) **STEINER, John** [AU/AU]; 4a Merrell Street, Booval, Ipswich, QLD 4304 (AU).

(74) **PIZZEYS**; Level 6, Trustee House, 444 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16262** (13) A1

(21) PCT/US97/18302

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/731,537 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 9/12

(54) AIR FRESHENER DEVICE WITH DISPENSING ACTUATOR FEATURE
DISPOSITIF ASSAINISSEUR D'AIR AVEC ACTIONNEUR DIFFUSEUR DE PARFUM

(71) S.C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) MALEK, Edward, J.; 213 South Colony Avenue, Union Grove, WI 53182 (US).

(74) FRANK, J., William, III et al. / etc.; S.C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, MS077, Racine, WI 53403 (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 98/16263 (13) A1

(21) PCT/CA97/00725

(22) 3 Oct/oct 1997 (03.10.1997)

(25) en (26) en

(31) 2,187,700 (32) 11 Oct/oct 1996 (11.10.1996) (33) CA

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 9/16

(54) STERILIZATION SYSTEM FOR COMPRESSED AIR
SYSTEME DE STERILISATION POUR AIR COMPRI ME

(71) PURILAIR INC. [CA/CA]; Suite 224, 759 Victoria Square, Montreal, Quebec H2Y 2J7 (CA).
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(72, 75) CHARBONNEAU, Pierre [CA/CA]; Box 392, Morin-Heights, Quebec J0R 1H0 (CA).

(74) PHENIX, Donald, F. et al. / etc.; Smart & Biggar, 900 - 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY 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); EP (AT BE CH DE DK ES FI FR 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 98/16264 (13) A1

(21) PCT/IB97/01218

(22) 3 Jul/juil 1997 (03.07.1997)

(25) en (26) en

(31) 08/675,037 (32) 3 Jul/juil 1996 (03.07.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 9/16

(54) AN IMPROVED ROOM AIR STERILIZATION DEVICE
STERILISATEUR AMELIORE D'AIR AMBIANT

(71, 72) MATIAS, Carlos, J., D. [BR/BR]; Avenida Paulista, 1499, cj 1101/3, CEP-01311-928 Sao Paulo (BR).

(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 98/16265 (13) A1

(21) PCT/US97/18582

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 08/734,442 (32) 17 Oct/oct 1996 (17.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 25/00

(54) LIQUID EMBOLIC AGENTS CONTAINING PARTIALLY HYDROLYZED POLYVINYL ACETATE
AGENTS EMBOLISANTS LIQUIDES CONTENANT DE L'ACETATE DE POLYVINYLE PARTIELLEMENT HYDROLYSE

(63) US 08/734,442 (CIP)
17 Oct/oct 1996 (17.10.1996)

(71) TARGET THERAPEUTICS, INC. [US/US]; 47201 Lakeview Boulevard, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Sangsoo [KR/KR]; Hyundai Apartment 125-1204, Buheung-dong, Dongan-ku, Anyang-Si, Kyungki-do 431-054 (KR). SLAIKEU, Paul, C. [US/US]; 3594 Skyline Drive, Hayward, CA 94542 (US).

(74) WHELOCK, E., Thomas 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16266 (13) A1

(21) PCT/CA97/00766

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 08/731,484 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 27/00, 31/00

(54) IMPLANTABLE ACRYLAMIDE COPOLYMER HYDROGEL FOR THERAPEUTIC USES
HYDROGEL COPOLYMER D'ACRYLAMIDE IMPLANTABLE POUR USAGES THERAPEUTIQUES

(71) ORGANOGEL CANADA LTEE. [CA/CA]; 1400, boulevard du Parc Technologique, Québec, Québec G1P 4R7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOERLY, Stéphane [CA/CA]; 940, avenue de Manrèse, Québec, Québec G1S 2X1 (CA).

(74) MARCOUX, Paul et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16267 (13) A1

(21) PCT/IE97/00068

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) S960728 (32) 15 Oct/oct 1996 (15.10.1996) (33) IE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 27/00, C08K 5/00, 5/435

(54) BONE REPLACEMENT MATERIALS WITH INTERCONNECTING PORE SYSTEM
MATIERES DE SUBSTITUTION OSSEUSE A SYSTEME D'INTERCONNEXION DES PORES

(71) UNIVERSITY COLLEGE DUBLIN [IE/IE]; Belfield, Dublin 4 (IE).
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(72, 75) TANCRED, David [IE/IE]; Carrowroe, County Sligo (IE). MCCORMACK, Brendan [IE/IE]; 4 Montpellier Place, Blackrock, County Dublin (IE). CARR, Alun [IE/IE]; 37 Beaufield Manor, Stillorgan, County Dublin (IE).

(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 HU ID IL IS JP KE KG KP 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 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 98/16268 (13) A2

(21) PCT/US97/18631

(22) 16 Oct/oct 1997 (16.10.1997)

(25) en (26) en

(31) 08/732,016 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(31) 08/729,344 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(31) 08/729,343 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61L 27/00, 25/00

(54) METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE
PROCEDE DE PREPARATION DE PHOSPHATE DE CALCIUM PEU CRISTALLIN ET TECHNIQUE D'UTILISATION

(71) ETEX CORPORATION [US/US]; 38 Sidney Street, Cambridge, MA 02138 (US).
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(72, 75) **LEE, Dosuk, D.** [US/US]; Apartment 518, 50 Longwood Avenue, Brookline, MA 02146 (US). **REY, Christian** [FR/FR]; Lieu-dit "Les Dames", Aureville, F-31320 Castanet (FR). **AIOLOVA, Maria** [BG/US]; 123 Seawall Avenue, Brookline, MA 02146 (US).

(74) **SCOZZAFAVA, Mary, Rose**; Choate, Hall & Stewart, Exchange Place, 53 State 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16269** (13) A1

(21) PCT/SE97/01049

(22) **13 Jun/juin 1997 (13.06.1997)**

(25) sv (26) en

(31) 9602329-6 (32) **13 Jun/juin 1996 (13.06.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 1/14, 1/34

(54) DISPOSABLE HEMODIAFILTRATION SET ENSEMBLE D'HEMODIAFILTRATION JETABLE

(71) **ALTHIN MEDICAL AB** [SE/SE]; P.O. Box 39, S-372 21 Ronneby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FALKVALL, Thore** [SE/SE]; Thorildsgatan 2, S-254 40 Helsingborg (SE). **CARLSSON, Per-Olof** [SE/SE]; Morkullevägen 11, S-280 10 Sösdala (SE). **SANDBERG, Lars-Olof** [SE/SE]; Serpentinvägen 33, S-372 31 Ronneby (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16270** (13) A1

(21) PCT/JP96/02963

(22) **14 Oct/oct 1996 (14.10.1996)**

(25) ja (26) ja

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 5/00

(54) DRIP BAG HOLDER SUPPORT DE POCHE DE GOUTTE-A-GOUTTE

(71) **KABUSHIKI KAISHA BEST LIFE** [JP/JP]; 7-12, Tanabe 1-chome, Higashisumiyoshi-ku, Osaka-shi, Osaka-fu 546 (JP).
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(72, 75) **SUGINAKA, Junko** [JP/JP]; 4-23, Suwa 2-chome, Joto-ku, Osaka-shi, Osaka-fu 536 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Sumisei Naniwasuji Honmachi Building, 3-2, Utsuhoonmachi 2-chome, Nishi-ku, Osaka-shi, Osaka-fu 550 (JP).

(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 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 (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 98/16271** (13) A1

(21) PCT/SE97/01728

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) sv (26) en

(31) 9603804-7 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 11/02, 11/00

(54) A METHOD AND A DEVICE FOR PRODUCING A FINE HOMOGENEOUS AEROSOL PROCEDE ET APPAREIL DE PRODUCTION D'UN AEROSOL FIN HOMOGENE

(71) **AGA AKTIEBOLAG** [SE/SE]; S-181 81 Lidingö (SE).
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(72, 75) **HAMMARLUND, Nils** [SE/SE]; Limavägen 14, S-191 71 Sollentuna (SE). **NILSON, Leif** [SE/SE]; S. Kungsvägen 260A, S-181 62 Lidingö (SE).

(74) **AXELSSON, Rolf** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S-115 93 Stockholm (SE).

(81) NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16272** (13) A1

(21) PCT/FI97/00597

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) fi (26) en

(31) 964072 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FI

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 15/00, 16/06

(54) TREATMENT DEVICE DISPOSITIF DE TRAITEMENT

(71, 72) **HÄKKINEN, Taisto** [FI/FI]; Kaarlonkatu 25, FIN-13210 Hämeenlinna (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

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

(11) **WO 98/16273** (13) A1

(21) PCT/US97/16838

(22) **24 Sep/sep 1997 (24.09.1997)**

(25) en (26) en

(31) 08/730,791 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/885,682 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 16/04

(54) LARYNGEAL AIRWAY DEVICE DISPOSITIF D'INTUBATION LARYNGIENNE

(63) US 08/885,682 (CON)
30 Jun/juin 1997 (30.06.1997)

(71) **AUGUSTINE MEDICAL, INC.** [US/US]; Suite 100, 10393 West 70th Street, Eden Prairie, MN 55344 (US).
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(72, 75) **AUGUSTINE, Scott, D.** [US/US]; 9017 Cavell Circle, Bloomington, MN 55438 (US). **ARNOLD, Randall, C.** [US/US]; 14810 McGinty Road West, Minnetonka, MN 55391 (US). **MCGRILL, Thomas, W.** [US/US]; Apartment 6D, 1108 Village Road, Chaska, MN 55318 (US).

(74) **MEADOR, Terrance, A.**; Baker, Maxham, Jester & Meador, Suite 3100, 750 B Street, San Diego, CA 92101 (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 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 98/16274** (13) A1

(21) PCT/US97/18057

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/730,489 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/856,571 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 25/01

(54) GUIDEWIRE FOR CATHETER FILS DE GUIDAGE POUR CATHETERS

(71) **CATHGUIDE CORPORATION** [US/US]; 4608 S.W. 74th Avenue, Miami, FL 33155 (US).

(71, 72) **AVELLANET, Francisco, J.** [US/US]; 1261 Venetia Avenue, Coral Gables, FL 33134 (US).

(72) **BRAUN, Robert**; 3108 Contego Lane, Palm Beach Gardens, FL 33418 (US).

(74) **KURZ, Warren, W.**; 15070 S.W. 132 Avenue, Miami, FL 33186 (US).

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

(11) **WO 98/16275** (13) A1

(21) PCT/US97/18445

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/729,326 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61M 37/00

(54) FLUID DISPENSER WITH FILL ADAPTER DISTRIBUTEUR DE FLUIDE MUNI D'UN ADAPTEUR DE REMPLISSAGE

(71) **SCIENCE INCORPORATED** [US/US]; Minnesota Center, Suite 1060, 7760 France Avenue South, Bloomington, MN 55435-5803 (US).

(72) **KRIESEL, Marshall, S.**; 80 North Mississippi Road, St. Paul, MN 55104 (US).

(74) **ORUM, Keith, H.**; Dvorak & Orum, 53 West Jackson Boulevard, Chicago, IL 60604 (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 98/16276** (13) A1

(21) PCT/JP97/03747

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) ja (26) ja

(31) 8/295680 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A61N 1/00

(54) THERAPEUTICAL DEVICE AND THERAPEUTICAL DEVICE EQUIPPED WITH TAPE DISPOSITIF THERAPEUTIQUE ET DISPOSITIF THERAPEUTIQUE EQUIPE D'UNE BANDE

(71) **KABUSHIKI KAISHA SUN FIELD** [JP/JP]; 17-32, Hakataeki Minami 4-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812 (JP).
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(72, 75) **YAMAGUCHI, Yoshimi** [JP/JP]; Kabushiki Kaisha Sun Field, 17-32, Hakataeki Minami 4-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812 (JP).
MORIYAMA, Hiroshi [JP/JP]; Kabushiki Kaisha Sun Field, 17-32, Hakataeki Minami 4-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812 (JP).

(74) **NISHIMURA, Masao**; 7-24, Akasaka 1-chome, Kokurakita-ku, Kitakyusyu-shi, Fukuoka 802 (JP).

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

(11) **WO 98/16277** (13) A1

(21) PCT/US97/18654

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/731,693 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63B 21/012

(54) TENSION-TORSIONER EXERCISING DEVICE EXERCISEUR TENSEUR A TORSIONS

(71, 72) **TILBERIS, Andrew** [GB/US]; 156 E. 82nd Street, New York, NY 10028-1803 (US).

(74) **KURUCZ, John**; Kane, Dalsimer, Sullivan, Kurucz, Levy, Eisele and Richard, LLP, 20th floor, 711 3rd Avenue, New York, NY 10017-4014 (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 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 98/16278** (13) A1

(21) PCT/US97/18532

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 60/028,403 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63B 67/02

(54) GOLF COURSE OF REDUCED SIZE AND METHOD OF PLAYING SAME
TERRAIN DE GOLF DE DIMENSIONS REDUITES ET METHODE DE JEU

(71) **ROGERS DESIGN** [US/US]; P.O. Box 1740, Denton, NC 27239 (US).
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(72, 75) **ROGERS, W., Clark** [US/US]; P.O. Box 1740, Denton, NC 27239 (US).

(74) **CANNON, James, R.** et al. / etc.; Myers Bigel Sibley & Sajovec, LLP, 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 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 98/16279** (13) A1

(21) PCT/IE97/00067

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) S960723 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63B 69/00, 43/00

(54) A FOOTBALL TEACHING AID
ACCESSOIRE D'ENSEIGNEMENT DU FOOTBALL

(71, 72) **EITLÉ, Noel** [IE/IE]; 38 Ailesbury Lodge, Navan, County Meath (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16280** (13) A1

(21) PCT/FR97/01852

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) fr (26) fr

(31) 96/13085 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63C 17/00

(54) ROLLER SKATE WITH REINFORCING LEGGINGS AND IN PARTICULAR FOR BRAKING PATIN A ROULETTES AVEC JAMBIERE DE RENFORT ET NOTAMMENT DE FREINAGE

(71) **DECATHLON S.A.** [FR/FR]; 4, boulevard de Mons, F-59650 Villeneuve d'Ascq (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUSSON, Olivier** [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR).
HUSSON, Nicolas [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR).
HUSSON, Armelle [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR).

(74) **MATKOWSKA, Franck**; Cabinet Beau de Loménie, 37, rue du Vieux Faubourg, F-59800 Lille (FR).

(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 98/16281** (13) A1

(21) PCT/US97/18409

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/731,249 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63C 17/02

(54) IN-LINE WHEELED SKATE FOR EXTREME SKATING
PATIN A ROUES ALIGNEES POUR PATINAGE EXTREME

(71) **MEARTHANE PRODUCTS CORPORATION** [US/US]; 16 Western Industrial Drive, Cranston, RI 02921-3405 (US).

(72) **RODERICK, John, A.**; 32 Orchard Drive, Scituate, RI 02831 (US).
WILLIS, David, R.; 130 Summit Avenue, Wakefield, RI 02879 (US).

(74) **CREASON, Gary, L.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

Published / Publiée : (a)

(11) **WO 98/16282** (13) A1

(21) PCT/US97/17209

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 08/730,469 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63C 17/14, 17/22(54) VARIABLE TRACTION WHEEL FOR IN-LINE ROLLER SKATE
ROUE A TRACTION VARIABLE DESTINEE A UN PATIN A ROUES EN LIGNE(63) US 08/730,469 (CIP)
11 Oct/oct 1996 (11.10.1996)(71) MEARTHANE PRODUCTS CORPORATION [US/US]; 16 Western Industrial Drive, Cranston, RI 02921-3405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHIANG, Albert, C. [US/US]; Lot 2, Zinn Road, Danbury, CT 06811 (US). RODERICK, John, A. [US/US]; 32 Orchard Drive, Scituate, RI 02831 (US). WILLIS, David, R. [US/US]; 130 Summit Avenue, Wakefield, RI 02879 (US). SIPES, Charles [US/US]; 45 Bishop Hill Road, Johnston, RI 02919 (US).

(74) NABINGER, Robert, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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); EP (AT BE CH DE DK ES FI FR 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 98/16283 (13) A1

(21) PCT/FR97/01851

(22) 16 Oct/oct 1997 (16.10.1997)

(25) fr (26) fr

(31) 96/13085 (32) 16 Oct/oct 1996 (16.10.1996) (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63C 17/18, 17/00(54) ROLLER SKATE, TO BE FIXED ON THE SOLE OF A WALKING SHOE
PATIN A ROULETTES, SE FIXANT SUR LA SEMELLE D'UNE CHAUSSURE DE MARCHE(71) DECATHLON S.A. [FR/FR]; 4, boulevard de Mons, F-59650 Villeneuve d'Ascq (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUSSON, Olivier [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR). HUSSON, Nicolas [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR). HUSSON, Armelle [FR/FR]; 70, rue Calmette, F-44600 St. Nazaire (FR).

(74) MATKOWSKA, Franck; Cabinet Beau de Loménie, 37, rue du Vieux Faubourg, F-59800 Lille (FR).

(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 98/16284 (13) A1

(21) PCT/US97/18420

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 08/731,498 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63F 3/06(54) MULTIPLE-PLAYSTATION GAME OF CHANCE
JEU DE HASARD A POSTES DE JEU MULTIPLES

(71) GTECH CORPORATION [US/US]; 55 Technology Way, West Greenwich, RI 02817 (US).

(72) ANGELL, Robert, C.; 19 Parkside Drive, West Greenwich, RI 02817 (US).

(74) SNOW, Jeffrey, L.; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16285 (13) A1

(21) PCT/JP97/01274

(22) 11 Apr/avr 1997 (11.04.1997)

(25) ja (26) ja

(31) 8/30240 (32) 11 Oct/oct 1996 (11.10.1996) (33) JP
(Ind.Design)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63F 9/22(54) OPERATING DEVICE FOR GAME MACHINES
DISPOSITIF D'ACTIONNEMENT DE MACHINES DE JEU(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 1-22, Akasaka 8-chome, Minato-ku, Tokyo 107 (JP). SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOTO, Teiyu [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). OGATA, Hiroki [JP/JP]; Sony Computer Entertainment Inc., 1-22, Akasaka 8-chome, Minato-ku, Tokyo 107 (JP).

(74) KOIKE, Akira et al. / etc.; 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP).

(81) AU CN JP KR SG US VN; EP (DE FR GB).

(11) WO 98/16286 (13) A1

(21) PCT/RU97/00319

(22) 9 Oct/oct 1997 (09.10.1997)

(25) ru (26) ru

(31) 96/119812 (32) 11 Oct/oct 1996 (11.10.1996) (33) RU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A63H 33/40, A63F 7/20(54) RECREATIONAL DEVICE "JETBALL"
DISPOSITIF RECREATIF "JETBALL"

(71, 72) BZNUNI, Armen Vladimirovich [RU/AM]; ul. Sose, 2-1, Erevan, 375019 (AM).

(81) AU BA BG BR CA CN CZ EE GE HU IL JP KP KR LT LV MK MN MX NZ PL RO SG SI SK TR UA US; 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 98/16287 (13) A1

(21) PCT/SE97/01576

(22) 19 Sep/sep 1997 (19.09.1997)

(25) sv (26) en

(31) 9603736-1 (32) 14 Oct/oct 1996 (14.10.1996) (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ A65B 55/08 // A61L 2/08(54) A METHOD OF STERILIZING CLOSED CONTAINERS
PROCEDE SERVANT A STERILISER DES RECIPIENTS FERMES(71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRISTIANSSON, Anders [SE/SE]; St. Tomtegatan 48, S-223 51 Lund (SE). ANDERSSON, Jan [SE/SE]; Vallösa Smedja, S-271 00 Ystad (SE).

(74) PETRI, Stellan et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 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 HU ID IL IS JP KE KG KP KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16288 (13) A1

(21) PCT/FR97/01823

(22) 13 Oct/oct 1997 (13.10.1997)

(25) fr (26) fr

(31) 96/12494 (32) 14 Oct/oct 1996 (14.10.1996) (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 11/02(54) EXTRACTING METHOD AND PLANT USING A SUPERCRITICAL FLUID
PROCEDE ET INSTALLATION D'EXTRACTION PAR UN FLUIDE SUPERCRITIQUE(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHRIVE, Luc [FR/FR]; 17, lotissement les Cigales, F-30130 Pont Saint Esprit (FR). LABAT, Gilles [FR/FR]; 241, boulevard Voltaire, F-75011 Paris (FR).

(74) BREVATOME; 25, rue de Ponthieu, F-75008 Paris (FR).

(81) JP KR RU 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 98/16289** (13) A1
(21) PCT/US97/18580
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/721,309 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 17/12
(54) WATER PURIFICATION SYSTEM
SYSTEME D'EPURATION D'EAU
(71) **TEMPEST, Gerard, F., Jr.** [US/US]; 101 West Markham Avenue, Durham, NC 27701 (US).
- (74) **PHILIPS, Michael, R.** et al. / etc.; Olive & Olive, P.A., P.O. Box 2049, Durham, NC 27702 (US).
- (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 TR TT UA UZ VN; 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).
- Published / Publiée : (c)
-
- (11) **WO 98/16290** (13) A1
(21) PCT/US97/14569
(22) **20 Aug/Août 1997 (20.08.1997)**
(25) en (26) en
(31) 08/729,140 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 19/04, G05D 23/00
(54) THE USE OF INFRARED RADIATION IN DETECTION METHODS TO DEFOAM AQUEOUS SYSTEMS
UTILISATION D'UN RAYONNEMENT INFRAROUGE DANS DES PROCÉDES DE DETECTION EN VUE D'ELIMINER LA MOUSSE DES SYSTEMES AQUEUX
(71) **ECOLAB INC.** [US/US]; Ecolab Center, St. Paul, MN 55102 (US).
- (72) **HEI, Robert, D.**; 6185-26th Street North, Oakdale, MN 55128 (US). **LOKKESOME, Keith, D.**; 14463 Monterey Avenue, Savage, MN 55378 (US). **KUMMET, Jay, T.**; 15891 Gooseberry Way, Apple Valley, MN 55124 (US). **BENNETT, Scott, P.**; 2065 Oak Glen Trail, Stillwater, MN 55082 (US).
- (74) **DAIGNAULT, Ronald, A.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 1000 Northwest Center, 55 East Fifth Street, St. Paul, MN 55101 (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 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 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 98/16291** (13) A1
(21) PCT/FR97/01848
- (22) **16 Oct/oct 1997 (16.10.1997)**
(25) fr (26) fr
(31) 96/12847 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 29/27
(54) FILTERING BAG WITH HIGH RETENTION CAPACITY
POCHE FILTRANTE A HAUTE CAPACITE DE RETENTION
(71) **MEMTEC FRANCE** [FR/FR]; Z.A.C. de Chasagne, F-69360 Ternay (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **AILLET, Guy, André, Paul** [FR/FR]; 18, rue François Genin, F-69005 Lyon (FR).
- (74) **CABINET GERMAIN & MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).
- (81) AU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/16292** (13) A2
(21) PCT/US97/18896
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 08/729,923 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 33/00
(54) AGITATOR FOR USE WITH A DISC FILTER
AGITATEUR A UTILISER AVEC UN FILTRE A DISQUES
(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (72) **MARTENSSON, Johan**; 35 Pettigrew Court, Markham, Ontario L3S 1K4 (CA). **SETHI, Bal, K.**; 7701 Netherwood Road, Mississauga, Ontario L4T 3H2 (CA). **EMMETT, Robert, C.**; 1215 Pondoray Circle, Salt Lake City, UT 84117 (US). **DAVIS, Steven, S.**; 298 Cobblecreek, Farmington, UT 84025 (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 CZ DE DK EE ES FI GB GE HU ID 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16293** (13) A1
(21) PCT/US97/18751
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 08/729,922 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 33/21
(54) OSCILLATING SHOWER FOR DISC FILTER
RINCEUR OSCILLANT POUR FILTRE A DISQUES
(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (72) **BROWN, Donald**; 378 Parkhurst Crescent, Orillia, Ontario L3V 4H6 (CA). **MARTENSSON, Johan**; 35 Pettigrew Court, Markham, Ontario L3S 1K4 (CA). **SETHI, Bal, K.**; 7701 Netherwood Road, Mississauga, Ontario L4T 3H2 (CA). **EMMETT, Robert, C.**; 1215 Pondoray Circle, Salt Lake City, UT 84117 (US). **DAVIS, Steven, S.**; 298 Cobblecreek, Farmington, UT 84025 (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 CZ DE DK EE ES FI GB GE HU ID 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16294** (13) A1
(21) PCT/US96/16280
(22) **11 Oct/oct 1996 (11.10.1996)**
(25) en (26) en
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 33/42
(54) MICRO-SCREEN FILTER DEVICE
DISPOSITIF DE FILTRAGE A MICRO-TAMIS
(71, 72) **HAYDAY, William, A.** [US/US]; 5 Timber Ridge Drive, Oyster Bay, NY 11771 (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 CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR 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 (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).
- (11) **WO 98/16295** (13) A1
(21) PCT/GB96/02539
(22) **15 Oct/oct 1996 (15.10.1996)**
(25) en (26) en
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B01D 35/28, B07B 1/46, E21B 21/06
(54) IMPROVED SHALE SHAKER
TAMIS VIBRANT AMELIORE
(71) **RIG TECHNOLOGY LIMITED** [GB/GB]; South College Street, Aberdeen AB1 2LP (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BAILEY, Marshall, Graham** [GB/GB]; Larchmor, Burn O'Bennie, Banchoy, Kincardineshire AB31 3PY (GB). **BAILEY, Arthur, Robert** [GB/GB]; 81 Little Sutton Lane, Sutton Coalfield, West Midlands B75 6SJ (GB). **BURNETT, George, Alexander** [GB/GB]; Heath Cottage, Riverstone Road, Aberdeen AB1 7JR (GB).
- (74) **KEITH W. NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) NO US; AP (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).

(11) **WO 98/16296** (13) A1

(21) PCT/US97/16788

(22) **22 Sep/sep 1997 (22.09.1997)**

(25) en (26) en

(31) 08/730,028 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 08/730,029 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 39/16, B01J 20/28

(54) FILTER MATERIAL PRODUCTION PROCESS MATERIAU POUR FILTRE ET PROCEDE DE PRODUCTION ASSOCIE

(71) **CARRIER CORPORATION** [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **OEHLER, William, F.**; 285 Carpenter Road, Coventry, CT 06238 (US). **OBEE, Timothy, N.**; 351 Foster Street, South Windsor, CT 06074 (US). **BIRBARA, Philip, J.**; 52 Elm Street, Windsor Locks, CT 06096 (US).

(74) **HABELT, William, W.**; Carrier Corporation, Intellectual Property Dept., Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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); EA (AM AZ BY 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 98/16297** (13) A1

(21) PCT/GB97/02700

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 9621339.2 (32) **12 Oct/oct 1996 (12.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 46/24, 65/02, 29/11

(54) FILTERING DEVICE WITH OPEN-ENDED FILTER TUBES DISPOSITIF DE FILTRATION A TUBES FILTRANTS A EXTREMITES OUVERTES

(71) **USF LIMITED** [GB/GB]; Whittle Road, Meir, Stoke-on-Trent ST3 7QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POWELL, Nicholas, Iain** [GB/GB]; 9 Cotterdale Close, Great Sankey, Warrington WA5 3HY (GB). **GALLAGHER, Paul, Martin** [GB/GB]; 2 Bishopdale Close, Whittle Hall, Warrington WA5 3DF (GB). **CARDEW, Peter, Townsend** [GB/GB]; 7 Stoneleigh Gardens, Grappenhall, Warrington WA4 3LE (GB). **HANNON, Joseph, Patrick** [IE/IE]; 10 Oak Glen View, Kilmuddery, County Wicklow (IE).

(74) **ALLMAN, Peter, John**; Marks & Clerk, Sussex House, 83-85 Mosley Street, 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 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 98/16298** (13) A2

(21) PCT/BE97/00117

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) fr (26) fr

(31) 9600864 (32) **11 Oct/oct 1996 (11.10.1996)** (33) BE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 53/00, 46/00

(54) INDUSTRIAL ADSORBENT FILTERING DEVICE DISPOSITIF DE FILTRAGE ADSORBANT INDUSTRIEL

(71, 72) **DE WACHTER, François** [BE/BE]; Koolmijnlaan 115/1, B-3580 Beringen (BE).

(74) **VAN CUTSEM, Paul** et al. / etc.; Bureau Vander Haeghen S.A., Rue Colonel Bourg 108A, B-1030 Bruxelles (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE EE GE HU ID IL IS JP KE KP KR LC LK LR LS LT LV MG MK MN MW MX NZ PL RO SD SG SI SK TR TT UA UG US UZ VN YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16299** (13) A1

(21) PCT/AU96/00619

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 53/34, 53/56, 53/74, 53/86

(54) METHOD OF MIXING GREENHOUSE GAS EMISSIONS FROM COASTAL THERMAL POWER STATIONS PROCEDE POUR MELANGER LES EMISSIONS DE GAZ A EFFET DE SERRE PROVENANT DE CENTRALES THERMIQUES COTIERES

(71, 72) **NOVE, Jolyon, Emanuel** [AU/AU]; 2A Kalgoorlie Street, Willoughby, NSW 2068 (AU).

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

(11) **WO 98/16300** (13) A1

(21) PCT/SE97/00986

(22) **5 Jun/juin 1997 (05.06.1997)**

(25) sv (26) en

(31) 9603796-5 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 53/54, 53/58, 53/86 // B01J 35/04

(54) METHOD AND DEVICE FOR PROCESSING GASES CONTAINING NITROGEN

PROCEDE ET DISPOSITIF DE TRAITEMENT DE GAZ CONTENANT DE L'AZOTE

(71) **KATATOR AB** [SE/SE]; Ideon Research Park, S-223 70 Lund (SE).
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(72, 75) **BRANDIN, Jan** [SE/SE]; Serenadgatan 62, S-215 72 Malmö (SE).

(74) **HANSSON, Anders** et al. / etc.; Hansson Thyresson Patentbyrå AB, P.O. Box 73, S-201 20 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 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 98/16301** (13) A1

(21) PCT/NO97/00274

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) no (26) en

(31) 964384 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NO

(31) 970306 (32) **24 Jan/jan 1997 (24.01.1997)** (33) NO

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 53/64, 53/50, 53/78

(54) A METHOD FOR REMOVING MERCURY AND SULPHUR DIOXIDE FROM GASES PROCEDE D'ELIMINATION DU MERCURE ET DU DIOXYDE DE SOUFRE PRESENTS DANS DES GAZ

(71, 72) **THOMASSEN, Thomas** [NO/NO]; N-4780 Brekkestø (NO).

(74) **OSLO PATENTKONTOR AS**; Postboks 7007 M, N-0306 Oslo (NO).

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

(11) **WO 98/16302** (13) A1

(21) PCT/SE97/01609

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 9603818-7 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01D 53/78, 53/68, 53/50

(54) METHOD AND APPARATUS FOR TREATING FLUE GAS PROCEDE ET APPAREIL DE TRAITEMENT DE GAZ DE COMBUSTION

(71) **ABB FLÄKT AB** [SE/SE]; S-120 86 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAGNARSSON, Sven** [SE/SE]; Säljeryd, S-360 44 Ingelstad (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 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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16303** (13) A1
 (21) PCT/GB97/02783
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 9621214.7 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B01D 53/86, 53/88, 51/10
 (54) IMPROVEMENTS IN CATALYTIC PROCESSES AMELIORATIONS RELATIVES AUX TRAITEMENTS CATALYTIQUES
 (71) **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** [GB/GB]; 78 Hatton Garden, London EC1N 8JP (GB).
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 (72, 75) **FROST, Jonathon, Charles** [GB/GB]; Shipplake Farm Cottage, Chiltern Road, Peppard Common, Henley on Thames RG9 5HY (GB).
JONES, Ann-Marie [GB/GB]; 64 Paradise Lane, Hall Green, Birmingham B28 0DX (GB).
WISHART, Ian, Carmichael [GB/GB]; Bagpuize House, Baker Street, Aston Tirrold, Oxfordshire OX11 9DD (GB).
 (74) **WISHART, Ian, Carmichael**; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16304** (13) A1
 (21) PCT/RU96/00297
 (22) **14 Oct/oct 1996 (14.10.1996)**
 (25) ru (26) ru
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B01F 7/00
 (54) ROTATING PULSE APPARATUS APPAREIL ROTATIF A IMPULSIONS
 (71) **FORSAT LTD.** [RU/RU]; ul. Chuikova, 2, Kazan, 420044 (RU).
I.F.F. INVESTMENTS LTD. [CY/CY]; Office No. 1, 69, Makariou Avenue, Scala Court, P.O. Box 602, Larnaca (CY).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FEDOROV, Alexandr Dmitrievich** [RU/RU]; ul. Kosmonavtov, 7-41, Kazan 420061 (RU).
LE-BEDEV, Sergei Germanovich [RU/RU]; ul. Dekabristov, 8-16, Kazan, 420066 (RU).
GATAUL-LIN, Rustem Shamgunovich [RU/RU]; ul. K. Marxa, 23/6-88, Kazan, 420111 (RU).
VOLKOV, German Alfredovich [RU/RU]; ul. Esperanto, 9/2-42, Kazan, 420059 (RU).
 (72, 75) **KESEL, Boris Alexandrovich** [RU/RU]; pr. Yamasheva, 60-119, Kazan, 420103 (RU).
VE-SELIEV, Dmitry Anatolievich [RU/RU]; ul. Vorovskogo, 7-15, Kazan, 420057 (RU).

(74) **KRUGLOV, Alexandr Borisovich**; Reznik, Gagarin & Partners, Shmitovsk pr., 3, Moscow, 123100 (RU).

(81) AT AU BG BR CA CH CN DE ES FI GB IS JP KR MX NZ PT RU 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 98/16305** (13) A1
 (21) PCT/US97/19014
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 08/731,329 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (31) 08/840,862 (32) **17 Apr/avr 1997 (17.04.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B01F 7/08
 (54) HELICAL RIBBON MIXER MELANGEUR A BANDES HELICOIDALES

(71) **HAVES & STOLZ INDUSTRIAL MANUFACTURING COMPANY INC.** [US/US]; P.O. Box 11217, Fort Worth, TX 76110-0217 (US).

(72) **PRESNELL, Dale**; 6917 Battle Creek Road, Fort Worth, TX 76116 (US).

(74) **ZOBAL, Arthur, F.**; Wofford Fails Zobal & Mantooth, Suite 500, 110 West Seventh, Fort Worth, Texas 76102-7077 (US).

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

(11) **WO 98/16306** (13) A1
 (21) PCT/NO97/00275
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 964350 (32) **11 Oct/oct 1996 (11.10.1996)** (33) NO
 (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01J 2/04, C01F 5/34

(54) METHOD OF PRODUCING MAGNESIUM CHLORIDE GRANULES PROCEDE DE FABRICATION DE GRANULES DE CHLORURE DE MAGNESIUM

(71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGSETH, Birger** [NO/NO]; Gråsteinveien 31, N-3931 Porsgrunn (NO).
FRIGSTAD, Arne Bent [NO/NO]; Jonsokgt. 10, N-3922 Porsgrunn (NO).
GRÖNSTAD, Leif-Kåre [NO/NO]; Gjerde, N-3766 Sannidal (NO).

(74) **ANDERSON, Elin**; 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 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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 (25) ja (26) ja
 (31) 8/293123 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B01J 8/18, 19/18, 19/24

(54) METHOD AND APPARATUS FOR MANUFACTURING CHEMICAL SUBSTANCE BY CATALYTIC REACTION AND THE LIKE OF REACTIVE FLUID PROCEDE ET APPAREIL DE FABRICATION D'UNE SOUS-SUBSTANCE CHIMIQUE PAR REACTION CATALYTIQUE ET AUTRE DU FLUIDE REACTIF

(71, 72) **YOSHIDA, Yasunobu** [JP/JP]; 1-25-8, Torigoe, Taitoh-ku, Tokyo 110 (JP).

(74) **KOHNO, Akira**; 2-21, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).

(81) AU CA CN DE GB JP KR SG US.

(11) **WO 98/16308** (13) A1
 (21) PCT/EP97/05664
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) de (26) de
 (31) 196 42 761.4 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B01J 20/26, 20/28, 20/32

(54) COMPOSITE MATERIALS MATERIAUX COMPOSITES

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

(72, 75) **KRONER, Matthias** [DE/DE]; Brücknersstrasse 25, D-67304 Eisenberg (DE).
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(74) **REITSTÖTTER, KINZEBACH & PARTNER**; Sternwartstrasse 4, D-81679 München (DE).

(81) CN 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 98/16309** (13) A1
 (21) PCT/HU97/00062
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 (25) en (26) en
 (31) P 96 02856 (32) **15 Oct/oct 1996 (15.10.1996)** (33) HU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01J 25/00

(54) A PROCESS FOR THE PREPARATION OF SUPPORTED, NON-PYROPHORIC, SKELETON CATALYSTS OF POLAR SURFACE PROCEEDS DE PREPARATION DE CATALYSEURS SUPPORTES, A SQUELETTE NON PYROPHORIQUE ET A SURFACE POLAIRE

(71, 72) **PETRÓ, József** [HU/HU]; Dés u. 28, H-1147 Budapest (HU).

(74) **DANUBIA**; P.O. Box 198, H-1368 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(31) 08/731,495 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01J 27/06, C08G 65/10

(54) DOUBLE METAL CYANIDE CATALYSTS CONTAINING FUNCTIONALIZED POLYMERS CATALYSEURS A DEUX CYANURES METALLIQUES, CONTENANT DES POLYMERES FONCTIONNALISES

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, Suite 238, 4001 Kennett Pike, Greenville, DE 19807 (US). (for all designated States except / pour tous les États désignés sauf MN)

(71) **ARCO CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, NL-3197 KM Botlek (NL). (only for / seulement pour MN)

(72) **LE-KHAC, Bi**; 1210 Birmingham Road, West Chester, PA 19382 (US).

(74) **CROPP, John, Anthony, David**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (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 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 98/16311** (13) A1

(21) PCT/US97/18590

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(25) en (26) en

(31) 60/028,412 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US(31) Not furnished / non communiqué (32) **15 Oct/oct 1997 (15.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01J 31/00, 37/00, C08F 4/02, 4/60, 4/44

(54) PHENOLATE CONSTRAINED GEOMETRY METALLOCENE OLEFIN POLYMERIZATION CATALYST, METHOD OF MAKING, AND METHOD OF USING CATALYSEUR A GEOMETRIE CONTRAINTE DE METALLOCENE ET PHENOLATE POUR LA POLYMERISATION D'OLEFINES, SON PROCEDE D'OBTENTION, ET SON PROCEDE D'UTILISATION

(71) **NORTHWESTERN UNIVERSITY** [US/US]; 1801 Maple Avenue, Evanston, IL 60201 (US).

(72) **MARKS, Tobin, J.**; 2300 Central Park Avenue, Evanston, IL 60201 (US). **CHEN, You-Xian**; Apartment #35, 7701 North Sheridan Road, Chicago, IL 60626 (US).

(74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., Suite 120, 120 South 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).

(11) **WO 98/16312** (13) A1

(21) PCT/EP97/05696

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) de (26) de

(31) 196 42 777.0 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01L 3/02

(54) PIPETTE
PIPETTE

(71, 72) **VETTER, Dirk** [DE/DE]; Katharinenstrasse 11, D-07743 Jena (DE).

(74) **PFEIFFER, Rolf-Gerd**; Pfeiffer & Partner, Helmholtzweg 4, D-07743 Jena (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 98/16313** (13) A1

(21) PCT/GB97/02805

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(25) en (26) en

(31) 9621357.4 (32) **12 Oct/oct 1996 (12.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01L 7/00, B01J 19/22, G05D 23/19 // C12Q 1/68

(54) HEATING APPARATUS
APPAREIL DE CHAUFFE

(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) **HOLCROFT, Brian** [GB/GB]; 35 Six Penny Lane, Chalgrove, Oxon OX44 7YD (GB).

(74) **LEAMAN, Keith**; QED Patents Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).

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

(11) **WO 98/16314** (13) A1

(21) PCT/FR97/01841

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) fr (26) fr

(31) 96/12543 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01L 9/02

(54) LABORATORY FURNITURE WITH PORTABLE CAISSON AND USE THEREOF IN COLLECTIVE AREAS MEUBLE DE LABORATOIRE A CAISSON MOBILE ET SON UTILISATION DANS LES ENCEINTES COLLECTIVES

(71, 72) **MONTFAJON, Pierre-Yves** [FR/FR]; 81, rue de Paris, F-95150 Taverny (FR).

(74) **BURTIN, Jean-François**; Cabinet Gefib, 85, rue Anatole France, F-92300 Levallois Perret (FR).

(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 98/16315** (13) A1

(21) PCT/US97/18266

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/730,636 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US(31) 08/744,386 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B01L 11/00

(54) LIQUID DISTRIBUTION SYSTEM
SYSTEME DE DISTRIBUTION DE LIQUIDE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08540 (US).

(72) **DEMERS, Robert**; 26 Evans Drive, Cranbury, NJ 08512 (US). **MCBRIDE, Sterling, Eduard**; 4214 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **KNOEDLER, Christina, Marie**; 118 North Park Road, Newtown, PA 18940 (US). **AMANTEA, Robert**; 2 Orchard Hill Drive, Manalapan, NJ 07726 (US). **MORONEY, Richard**; 2-04 Hunters Glen Drive, Plainsboro, NJ 08536 (US). **CHERUKURI, Satyam, Choudary**; 90 Cranbury Neck Road, Cranbury, NJ 08512 (US). **O'MARA, Kerry**; 7 Lynnbrook Drive, Lambertville, NJ 08530 (US). **CHIANG, William**; 4106 Twin Oaks Court, Monmouth Junction, NJ 08852 (US).

(74) **SILVERIO, John, V.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN5300, 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 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; 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 98/16316** (13) A1

(21) PCT/CA97/00769

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- (25) en (26) en
 (31) 08/732,979 (32) **16 Oct/oct 1996** (33) US
 (16.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B02C 13/18, 23/32
 (54) DEVICE AND METHOD FOR COMMINATION
 DISPOSITIF ET PROCEDE DE BROUAGE
 (71) **SPECTRASONIC DISINTEGRATION EQUIP-
 MENT CORP.** [CA/CA]; Suite 358, 800 - 15355
 - 24th Avenue, Surrey, British Columbia V4A 2H9
 (CA).
 (72) **SAND, John**; 225 17th Street, West Vancouver,
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 (74) **YANG, Mark, M.**; #800 - 885 West Georgia
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 (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
 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 98/16317** (13) A1
 (21) PCT/AT97/00219
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) de (26) de
 (31) A 1810/96 (32) **15 Oct/oct 1996** (33) AT
 (15.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B02C 17/22
 (54) ANTI-WEAR LINING, ESPECIALLY A WEAR
 LAYER FOR TUBE MILLS AND/OR BALL-
 TYPE CRUSHERS
 REVETEMENT ANTI-USURE, EN PARTI-
 CULIER COUCHE D'USURE POUR TUBES
 BROUEURS ET/OU BROUEURS A BOULETS
 (71) **CHRISTIAN PFEIFFER MASCHINENFA-
 BRIK GMBH** [AT/AT]; Werkstrasse 5, A-8940
 Liezen (AT).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **BEIGL, Josef** [AT/AT]; A-8980 Niederöblarn
 12 (AT). **HACKL, Helmut** [AT/AT]; Gaisriegel
 37, A-4574 Vorderstoder (AT). **OBERNHÜ-
 BER, Heinrich** [AT/AT]; A-8904 Arding 165
 (AT). **PERNKOPF, Hubert** [AT/AT]; Pernköpf
 51, A-4580 Windischgarsten (AT). **PICHLER,
 Walter** [AT/AT]; A-8900 Selzthal 164 (AT).
SCHACHNER, Franz [AT/AT]; A-8983 Bad
 Mitterdorf (AT).
 (74) **MIKSOVSKY, Alexander**; Miksovsky & Poll-
 hammer OEG, Währingerstrasse 3, A-1096 Wien
 (AT).
 (81) AL AM AU AZ BA BB BG BR BY CA 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 LV MD MG MK MN MW
 MX NO NZ PL RO RU SD 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 98/16318** (13) A1
 (21) PCT/DE97/02314
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) de (26) de
 (31) 196 41 975.1 (32) **11 Oct/oct 1996** (33) DE
 (11.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B02C 18/24
 (54) METHOD AND DEVICE FOR AUTOMA-
 TIC MACHINE MONITORING, SPECIALLY
 FRAGMENTIZING MACHINES, PREFERABLY
 ROTOR BLADES
 PROCEDE ET DISPOSITIF DE SURVEIL-
 LANCE AUTOMATIQUE DE MACHINES,
 NOTAMMENT DE BROUEURS, DE PREFE-
 RENANCE, DE LAMES DE ROTOR
 (71) **SVEDALA LINDEMANN GMBH** [DE/DE]; Er-
 krather Strasse 401, D-40231 Düsseldorf (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **VAN DER BEEK, August** [DE/DE]; Jülicher
 Strasse 84, D-41515 Grevenbroich (DE).
SPIEBHOFER, Thomas [DE/DE]; Feldstrasse 92,
 D-41541 Dormagen (DE). **SCHNEIDER, Willi**
 [DE/DE]; Am Kuckesberg 21, D-42781 Haan
 (DE). **KALDENBACH, Erwin** [DE/DE]; Berliner
 Strasse 58, D-40880 Ratingen (DE).
 (81) BR BY CA CZ ES HU JP KR PL RU SK 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 98/16319** (13) A1
 (21) PCT/NL97/00565
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) nl (26) en
 (31) 1004251 (32) **11 Oct/oct 1996** (33) NL
 (11.10.1996)
 (31) 1006260 (32) **9 Jun/juin 1997** (33) NL
 (09.06.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B02C 19/00, 13/18
 (54) METHOD AND DEVICE FOR SYN-
 CHRONOUSLY IMPACT MILLING OF MATE-
 RIAL
 PROCEDE ET DISPOSITIF POUR LE BROUAGE
 A IMPACT SYNCHRONE DE MATIERE
 (71) **VAN DER ZANDEN, Rosemarie** [NL/IE]; Dun-
 killa, Tahilla, Ring of Kerry, County Kerry (IE).
IHC HOLLAND N.V. [NL/NL]; Molendijk 94,
 NL-3361 EP Holland (NL).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (71, 72) **VAN DER ZANDEN, Johannes, Petrus, Jo-
 sephus** [NL/IE]; Dunkilla, Tahilla, Ring of Kerry,
 County Kerry (IE).
 (74) **DE BRULIJN, Leendert, C.**; Nederlandsch Oc-
 trooibureau, 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 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 98/16320** (13) A1
 (21) PCT/CA97/00755
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/732,813 (32) **15 Oct/oct 1996** (33) US
 (15.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B03C 1/28, F01M 1/10, B01D 35/06
 (54) MAGNETIC FILTER
 FILTRE MAGNETIQUE
 (63) US 08/732,813 (CIP)
 15 Oct/oct 1996 (15.10.1996)
 (71) **ONE EYE INDUSTRIES INC.** [CA/CA]; 704
 Strathcona Drive S.W., Calgary, Alberta T3H 1N1
 (CA).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **KIRK, Stephen, George** [CA/CA]; 108
 Brabourne Road S.W., Calgary, Alberta T2W 2W2
 (CA). **SCOTT, Allen, Kenneth** [CA/CA]; 326
 Mountain Park Drive S.E., Calgary, Alberta T2Z
 2L3 (CA). **STELTER, Christian, Emil, Phillip**
 [CA/CA]; 144 Lake Linnet Close S.E., Calgary,
 Alberta T2J 2J1 (CA). **SIMONSON, Roger,
 Maynard** [CA/CA]; 704 Strathcona Drive S.W.,
 Calgary, Alberta T3H 1N1 (CA).
 (74) **CALDWELL, Roseann, B.**; Bennett Jones Ver-
 chere, 4500, 855 - 2nd Street S.W., Calgary, Al-
 berta T2P 4K7 (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 KE LS MW SD SZ
 UG ZW); EA (AM AZ BY KG KZ MD RU TJ
 TM); EP (AT BE CH DE DK ES FI FR 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 98/16321** (13) A1
 (21) PCT/US97/18548
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 60/028,556 (32) **15 Oct/oct 1996** (33) US
 (15.10.1996)
 (31) 08/950,377 (32) **14 Oct/oct 1997** (33) US
 (14.10.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B04B 5/02, 11/00
 (54) CONCENTRIC TUBULAR CENTRIFUGE
 CENTRIFUGEUSE CONCENTRIQUE ET TU-
 BULAIRE
 (71, 72) **CORNAY, Paul, J.** [US/US]; 1506 Frontier
 Street, Longmont, CO 80501 (US).
 (74) **OSMAN, Lee, R.** et al. / etc.; Holland & Hart
 LLP, 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 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
 KE LS MW SD SZ UG ZW); EA (AM AZ BY
 KG KZ MD RU TJ TM); EP (AT BE CH DE DK
 ES FI FR 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 98/16322** (13) A1
 (21) PCT/EP97/05681
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/720,998 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B05B 11/00
 (54) DUAL COMPARTMENT PACKAGE
 EMBALLAGE A DOUBLE COMPARTIMENT
 (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH 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 IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)
 (72) **MILIO, Ronald, John**; 25 Church Lane, Upton, Chester, Cheshire CH2 1DJ (GB). **MARKEY, Kevin, Joseph**; 314 Buck Cash Road, Westminster, MD 21158 (US).
 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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- (11) **WO 98/16323** (13) A1
 (21) PCT/SE97/01738
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 9603808-8 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B05C 5/02, B23K 3/06
 (54) DEVICE FOR APPLYING DROPS OF A FLUID ON A SURFACE
 DISPOSITIF PERMETTANT D'APPLIQUER DES GOUTTES DE LIQUIDE SUR UNE SURFACE
 (71) **MYDATA AUTOMATION AB** [SE/SE]; Adolfsbergsvägen 11, S-168 66 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HANSSON, Jens** [SE/SE]; Edsviksvägen 79, S-182 35 Danderyd (SE). **KRONSTEDT, Johan** [SE/SE]; Sidensvansvägen 24, S-192 55 Sollentuna (SE). **HOLM, William** [SE/SE]; Tullgårdsgatan 18, S-116 68 Stockholm (SE).
 (74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).
 (81) 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 98/16324** (13) A1
 (21) PCT/US97/14025

- (22) **8 Aug/Août 1997 (08.08.1997)**
 (25) en (26) en
 (31) 08/734,429 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B05D 1/02, 1/18, 1/28
 (54) CHROMIUM-FREE CONVERSION COATING AND METHODS OF USE
 REVETEMENT PAR CONVERSION EXEMPT DE CHROME ET PROCÉDES D'UTILISATION
 (71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevoise, PA 19053-6783 (US).
 (72) **RODZEWICH, Edward, A.**; 13 Highland Avenue, Flourtown, PA 19031 (US). **OUYANG, Jiangbo**; 12 Hastings Lane, Flemington, NJ 08822 (US). **MURPHY, Joseph, E.**; 125 Beth Drive, Lansdale, PA 19446 (US).
 (74) **VON NEIDA, Philip, H.** et al. / etc.; BetzDearborn Inc., 4636 Somerton Road, P.O. Box 3002, Trevoise, PA 19053-6783 (US).
 (81) 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 98/16325** (13) A1
 (21) PCT/AU97/00684
 (22) **13 Oct/oct 1997 (13.10.1997)**
 (25) en (26) en
 (31) PO 2954 (32) **14 Oct/oct 1996 (14.10.1996)** (33) AU
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B05D 5/06, 1/26, B05C 3/18, 5/04
 (54) PRODUCTION OF FAMILIAL, NON-MODULAR, PLURAL COLOUR PATTERNS ON A MOVING SUBSTRATE
 PRODUCTION DE MOTIFS DE PLUSIEURS COULEURS NON MODULAIRES ET D'ASPECT FAMILIER SUR UN SUBSTRAT EN MOUVEMENT
 (71) **BHP STEEL (JLA) PTY. LTD.** [AU/AU]; 600 Bourke Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DAVIES, Mark, John** [AU/AU]; 1 Figtree Street, Albion Park Rail, NSW 2527 (AU). **HORTON, Trevor, James** [AU/AU]; 15 Burnett Place, Albion Park, NSW 2527 (AU).
 (74) **CARTER SMITH & BEADLE**; Level 10, 189 Kent 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16326** (13) A1
 (21) PCT/US97/18337
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/730,475 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)

- (11) **WO 98/16327** (13) A1
 (21) PCT/EP97/05764
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 60/028,500 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B05D 7/00, C09D 163/08
 (54) A METHOD FOR COATING CROSSLINKABLE EPOXIDIZED MONOHYDROXYLATED DIENE POLYMER COATING COMPOSITIONS ON PRIMED SUBSTRATES
 PROCÉDE PERMETTANT D'APPLIQUER DES COMPOSITIONS DE REVETEMENT POLYMERES DIENES MONOHYDROXYLEES EPOXYDEES RETICULABLES SUR DES SUBSTRATS APPRETES
 (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
 (72) **SAINT CLAIR, David, John**; 13831 Queensbury, Houston, TX 77079 (US).
 (81) BR CA CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (51)⁶ B05D 5/12, B32B 15/04
 (54) SUPPRESSION OF VOLTAGE BREAKDOWN AND FIELD EMISSION FROM SURFACES
 SUPPRESSION DE LA RIGIDITE DIELECTRIQUE ET DE L'EMISSION PAR EFFET DE CHAMP DE SURFACES
 (71) **MAKO, Frederick, M.** [US/US]; 6308 Youngs Branch Drive, Fairfax Station, VA 22039 (US). **SCHWARTZ, Ansel, M.** [US/US]; 1321 Beechwood Boulevard, Pittsburgh, PA 15217 (US).
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 (71, 72) **SILBERGLITT, Richard** [US/US]; 5403 Sideburn Road, Fairfax, VA 22032 (US). **PETER, William** [US/US]; 11902 Bargate Court, Rockville, MD 20852 (US).
 (74) **SCHWARTZ, Ansel, M.**; Suite 301, 425 N. Craig Street, Pittsburgh, PA 15213 (US).
 (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16328** (13) A1
 (21) PCT/GB97/02839
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 9621463.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB
 (31) 9623017.2 (32) **5 Nov/nov 1996 (05.11.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B07B 1/28, 1/42, 1/46, B01D 33/03
 (54) IMPROVED VIBRATORY SCREENING MACHINE
 MACHINE DE CRIBLAGE A VIBRATIONS AMELIOREE
 (71) **RIG TECHNOLOGY LIMITED** [GB/GB]; South College Street, Aberdeen AB1 2LP (GB).
(for all designated States except / pour tous les États désignés sauf US)

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- (11) **WO 98/16329** (13) A1
 (21) PCT/US97/18337
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/730,475 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)

(72, 75) **BAILEY, Arthur, Robert** [GB/GB]; 81 Little Sutton Lane, Sutton Coldfield, West Midlands B75 6SJ (GB). **BURNETT, George, Alexander** [GB/GB]; Heath Cottage, Ruthrieston Road, Aberdeen AB1 7JR (GB).

(74) **NASH, Keith, Wilfrid**; Keith W. Nash & Co., 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AU BR NO 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 98/16329** (13) A2

(21) PCT/US97/17568

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/728,905 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B08B

(54) AN UPPER BUNDLE STEAM GENERATOR CLEANING, INSPECTION, AND REPAIR SYSTEM
SYSTEME DE NETTOYAGE, D'INSPECTION ET DE REPARATION D'UN GENERATEUR DE VAPEUR A FAISCEAUX SUPERIEURS

(71) **FOSTER-MILLER, INC.** [US/US]; 350 Second Avenue, Waltham, MA 02154 (US).

(72) **ASHTON, Augustus, J., III**; 128 West Main Street, Westboro, MA 01581 (US). **LOVETT, J., Timothy**; 69 Highledge Avenue, Wellesley, MA 02181 (US). **FISCHBACH, Dan**; 25 Priscilla Avenue, Chelmsford, MA 01824-2163 (US). **RUGIERI, Steven, K.**; 19 Gordon Road, Marlboro, MA 01752 (US). **BRIGHTMAN, Alan**; 110 Green Street, Bridgewater, MA 02324 (US). **JENS, Steve**; Apartment 1, 50 Oakland Avenue, Belmont, MA 02178 (US).

(74) **TESKA, Kirk** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02154 (US).

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

(11) **WO 98/16330** (13) A1

(21) PCT/US97/18052

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/729,565 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B08B 3/04, 3/14, 7/00, C03C 23/00

(54) CLEANING WAFER SUBSTRATES OF METAL CONTAMINATION WHILE MAINTAINING WAFER SMOOTHNESS
NETTOYAGE DE SUBSTRATS DE PLAQUETTES PERMETTANT D'EN ELIMINER LES CONTAMINANTS METALLIQUES TOUT EN CONSERVANT LEUR CARACTERE LISSE

(71) **MALLINCKRODT BAKER, INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(72) **SKEE, David, C.**; 3192 Rambeau Road, Bethlehem, PA 18017 (US). **SCHWARTZKOPF, George**; 97 Bickel Road, Franklin Township, NJ 07882 (US).

(74) **GUFFEY, Wendell, R.** et al. / etc.; Mallinckrodt Baker, Inc., 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (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 98/16331** (13) A2

(21) PCT/EP97/04021

(22) **24 Jul/juil 1997 (24.07.1997)**

(25) de (26) de

(31) 296 17 703.2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(31) 296 22 574.6 (32) **31 Dec/déc 1996 (31.12.1996)** (33) DE

(31) 296 22 573.8 (32) **31 Dec/déc 1996 (31.12.1996)** (33) DE

(31) 297 00 403.4 (32) **11 Jan/jan 1997 (11.01.1997)** (33) DE

(31) 297 01 262.2 (32) **27 Jan/jan 1997 (27.01.1997)** (33) DE

(31) 297 02 317.9 (32) **11 Feb/fév 1997 (11.02.1997)** (33) DE

(31) 297 03 878.8 (32) **4 Mar/mar 1997 (04.03.1997)** (33) DE

(31) 297 05 114.8 (32) **20 Mar/mar 1997 (20.03.1997)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B08B 5/00

(54) PLASTIC SECTION FOR SEALING AIR GAPS BETWEEN PARTS OF THE BODY OF A MOTOR VEHICLE
PROFILE EN PLASTIQUE POUR ETANCHEIFIER DES FENTES ENTRE DES PARTIES DE LA CARROSSERIE D'UN VEHICULE A MOTEUR

(71) **VOSSCHEMIE GMBH** [DE/DE]; Esinger Steinweg 50, D-25436 Uetersen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOSS, Klaus-Wilhelm** [DE/DE]; Esinger Steinweg 50, D-25436 Uetersen (DE).

(74) **RICHTER, Joachim** et al. / etc.; Neuer Wall 10, D-20354 Hamburg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16332** (13) A1

(21) PCT/US97/18541

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/729,850 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B09B 3/00, F23B 7/00, F23D 14/00, 21/00, F23G 5/00, 5/12, 5/44, 7/00, 7/04, 7/08, F23J 15/00, F27D 17/00

(54) SYSTEM AND METHOD FOR THE TREATMENT OF CHEMICAL WASTES
SYSTEME ET PROCEDE DE TRAITEMENT DE DECHETS CHIMIQUES

(71) **THERMATRIX, INC.** [US/US]; Suite 248, 101 Metro Drive, San Jose, CA 95110 (US).

(72) **HEYWOOD, Ann, C.**; 4084 Sugar Maple Drive, Danville, CA 94506 (US). **MARTIN, Richard, J.**; 1377 Poe Lane, San Jose, CA 95130 (US). **STILGER, John, D.**; 6495 Camelia Drive, San Jose, CA 95120 (US). **KING, Andrew, B.**; Winns Cottage, Sand Hutton, Thirsk, North Yorkshire YO7 4RW (GB).

(74) **PARKER, Henrik, D.** et al. / etc.; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(21) PCT/DK97/00445

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) da (26) en

(31) 1139/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DK

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22C 15/00

(54) METHOD AND APPARATUS FOR MANUFACTURING A SAND MOLD
PROCEDE ET APPAREIL DE FABRICATION D'UN MOULE EN SABLE

(71) **JERNSTØBERIET KONGEAA A/S** [DK/DK]; Industrivej 4, DK-6580 Vamdrup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DALL, Benny** [DK/DK]; Paukevej 15, DK-8700 Horsens (DK).

(74) **HOLME, Edvard**; Holme Patent A/S, Sankt Peders Straede 41, DK-1453 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 60/027,595 (32) **4 Oct/oct 1996 (04.10.1996)** (33) US

(31) 08/733,125 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22D

(54) APPARATUS AND METHOD FOR INTEGRATED SEMI-SOLID MATERIAL PRODUCTION AND CASTING

APPAREIL ET PROCEDE DESTINES A LA PRODUCTION ET AU MOULAGE INTEGRES DE MATERIAU SEMI-SOLIDE

(71) **SEMI-SOLID TECHNOLOGIES, INC.** [-/US]; Suite 210, 130 Brookline Street, Brookline, MA 02139 (US).

(72) **BROWN, Stuart, B.**; 10 Julia Road, Needham, MA 02192 (US). **MENDEZ, Patricio, F.**; 143 Albany Street #412B, Cambridge, MA 02139 (US). **RICE, Christopher, S.**; 62 Spring Street #2L, Cambridge, MA 02141 (US).

(74) **PASTERNAK, Sam**; Choate, Hall & Stewart, Exchange Place, 53 State 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16335** (13) A1

(21) PCT/SE97/01736

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) sv (26) en

(31) 9603837-7 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22D 1/06

(54) METHOD FOR STRIP CASTING ALUMINIUM COULAGE DE BANDES D'ALUMINIUM

(71) **GRÄNGES AB** [SE/SE]; S-612 81 Finspång (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OSCARSSON, Anders** [SE/SE]; Markörvägen 2, S-612 32 Finspång (SE). **GULLMAN, Lars-Otto** [SE/SE]; Pirvägen 30, S-612 37 Finspång (SE).

(74) **NORGREN, Susanne**; Gränges Technology, S-612 81 Finspång (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(25) en (26) en

(31) 9621427.5 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22D 11/04

(54) CONTINUOUS CASTING MOULD MOULE DE COULEE CONTINUE

(71) **DAVY DISTINGTON LIMITED** [GB/GB]; Distington House, 26 Atlas Way, Sheffield S4 7QQ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATTERS, John, Huddart** [GB/GB]; 3 Broomhill Avenue, Gateford Park, Carlton Road, Worksop, Notts S81 7QP (GB).

(74) **HULSE, Thomas, Arnold** et al. / etc.; Hulse & Co., Eagle Star House, Carver Street, Sheffield S1 4FP (GB).

(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 98/16337** (13) A1

(21) PCT/CH97/00372

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) de (26) de

(31) 2483/96 (32) **12 Oct/oct 1996 (12.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22D 41/20, 41/14

(54) DRIVING DEVICE FOR A CLOSING AND/OR REGULATING MECHANISM ON THE NOZZLE OF A CONTAINER CONTAINING A MOLTEN BATH
MECANISME D'ENTRAÎNEMENT DESTINE A UN ORGANE DE FERMETURE ET/OU DE REGULATION POUR LA RIGOLE DE COULEE D'UN RESERVOIR CONTENANT UNE MASSE DE METAL EN FUSION

(71) **STOPINC AG** [CH/CH]; Zugerstrasse 76A, CH-6341 Baar (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALTENSÜHL, Rolf** [CH/CH]; Maihofweg 10a, CH-6331 Hünenberg (CH). **CHRISTEN, Peter, W.** [CH/CH]; Allmendstrasse 31, CH-6048 Horw (CH).

(81) 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 98/16338** (13) A1

(21) PCT/US97/18771

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(25) en (26) en

(31) 60/028,415 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22F 3/24, 3/16

(54) SURFACE DENSIFICATION OF MACHINE COMPONENTS MADE BY POWDER METALLURGY
DENSIFICATION D'UNE SURFACE DE COMPOSANTS DE MACHINE REALISEE PAR METALLURGIE DES POUDES

(71) **ZENITH SINTERED PRODUCTS, INC.** [US/US]; N112 W18700 Mequon Road, Germantown, WI 53022 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CADLE, Terry, M.** [GB/US]; 747 North 117 Street, Wauwatosha, WI 53226 (US). **GEIMAN, Timothy, E.** [US/US]; W180 N1257 Fond du Lac, Germantown, WI 53022 (US). **MANDEL, Joel, H.** [US/US]; 795 Ridgeview Drive, Hartford, WI 53027 (US). **GRAY, Michael, S.** [US/US]; 2085 Elm Tree Court, Elm Grove, WI 53122 (US).

(74) **FRANZINI, John, D.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/16339** (13) A1

(21) PCT/SE97/01731

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 9603805-4 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B22F 5/00, F16C 9/04

(54) METHOD OF PRODUCING MATING PARTS
PROCEDE DE REALISATION DE PIECES APPARIEES

(71) **HÖGANÄS AB** [SE/SE]; S-263 83 Höganäs (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CARLBAUM, Nils** [SE/SE]; Allerum 805, S-260 35 Odåkra (SE). **JOHANSSON, Björn** [SE/SE]; Långgatan 19, S-263 32 Höganäs (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 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 98/16340** (13) A1

(21) PCT/EP97/05648

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 2532/96 (32) **16 Oct/oct 1996 (16.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23C 3/00, 3/12

(54) MACHINING METHOD FOR THREE-DIMENSIONAL CONNECTING SURFACES
PROCEDE D'USINAGE DE SURFACES DE LIAISON TRIDIMENSIONNELLES

(71, 72) **HABERSTOCK, Rolf** [DE/DE]; Rheinöhöhe 14, D-79790 Küssaberg (DE).

(74) **EGLI**; Horneggstrasse 4, CH- 8034 Zürich (CH).

(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 98/16341** (13) A1

(21) PCT/SE97/01707

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(25) en (26) en

(31) 9603817-9 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23C 5/20

(54) TOOL AND CUTTING INSERT FOR MILLING
OUTIL DE FRAISAGE ET SA PLAQUETTE DE
COUPE

(71) **SECO TOOLS AB (publ)** [SE/SE]; S-737 82
Fagersta (SE).

(72) **ANDERSSON, Kjell**; Prästkragevägen 25, S-737
42 Fagersta (SE).

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

(81) 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 98/16342** (13) A1

(21) PCT/GB97/02699

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 9621197.4 (32) **11 Oct/oct 1996** (33) GB
(11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23D 45/12, 61/04, B27B 33/20

(54) PIPE CUTTING MACHINE AND CIRCULAR
SAW BLADE WITH CHAMFERING TEETH
MACHINE POUR COUPER LES CONDUITES
ET LAME DE SCIE CIRCULAIRE AVEC DES
DENTS DE CHANFREINAGE

(71, 72) **CHINN, Norman, John, Levi** [GB/GB]; Ju-
bilee Works, Kings Road, Evesham, Worcester-
shire WR11 5BU (GB). **LE GALLAIS, Lionel**
[GB/GB]; Ville Nerac, Richmond Road, La Pou-
quelaye, St. Helier, Jersey JE2 3GL (GB).

(74) **JAMES, Michael, John, Gwynne** et al. / etc.;
Wynne-Jones, Laine & James, 22 Rodney Road,
Cheltenham, Gloucestershire GL50 1JJ (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 98/16343** (13) A1

(21) PCT/US97/15767

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 08/730,398 (32) **15 Oct/oct 1996** (33) US
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23D 61/02

(54) DIMPLED CIRCULAR SAW BLADE
LAME DE SCIE CIRCULAIRE A ECHAN-
CRURES

(71) **VERMONT AMERICAN CORPORATION**
[US/US]; National City Tower, Suite 2300, 101
South Fifth Street, Louisville, KY 40202 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **WARD, Kevin, M.** [US/US]; 9008 Hatlerhall
Drive, Louisville, KY 40291 (US). **PHILLIPS,
Gregory, A.** [US/US]; 5400 Smith Haven Lane,
LaGrange, KY 40031 (US).

(74) **POLSTER, Philip, B.**; Polster, Lieder, Woodruff &
Lucchesi, 763 South New Ballas Road, St. Louis,
MO 63141 (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 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 98/16344** (13) A1

(21) PCT/GB97/02825

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621484.6 (32) **15 Oct/oct 1996** (33) GB
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23K 1/005

(54) SOLDERING TOOL
OUTIL DE SOUDAGE

(71) **PDR MICROELECTRONICS LIMITED**
[GB/GB]; Redhill Aerodrome, Redhill, Surrey
RH1 5JY (GB).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **GIBBS, Roger, Hans** [GB/GB]; 13 Gregory
Close, Maidenbower, Crawley, West Sussex RH10
7LB (GB).

(74) **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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW 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 98/16345** (13) A1

(21) PCT/JP97/03636

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) ja (26) ja

(31) 8/270850 (32) **14 Oct/oct 1996** (33) JP
(14.10.1996)

(31) 8/270851 (32) **14 Oct/oct 1996** (33) JP
(14.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23P 19/00

(54) PART MOUNTING DEVICE AND PART MOUN-
TING METHOD
DISPOSITIF ET PROCEDE DE MONTAGE DE
PIECES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO.,
LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571 (JP).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **YONEYAMA, Shigekazu** [JP/JP]; 104-5,
Kouchi, Isawa-cho, Higashiyatsushiro-gun,
Yamanashi 400-06 (JP). **NISHIMORI, Yuzo**
[JP/JP]; 872-13, Ogasawara, Kushigata-cho,
Nakakoma-gun, Yamanashi 400-03 (JP). **SENO,
Makito** [JP/JP]; 1869-4, Shinohara, Ryuo-cho,
Nakakoma-gun, Yamanashi 400-01 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama &
Partners, IMP Building, 3-7, Shiromi 1-chome,
Chuo-ku, Osaka-shi, Osaka 540 (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 98/16346** (13) A2

(21) PCT/EP97/05658

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) de (26) de

(31) 196 42 763.0 (32) **16 Oct/oct 1996** (33) DE
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B23Q 7/14

(54) MACHINE TOOL LOADING AND UNLOA-
DING DEVICE
DISPOSITIF POUR LE CHARGEMENT ET LE
DECHARGEMENT DE MACHINES-OUTILS

(71) **ERWIN JUNKER MASCHINENFABRIK
GMBH** [DE/DE]; Junkerstrasse 2, D-77787
Nordrach (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **JUNKER, Erwin** [DE/DE]; Junkerstrasse 1,
D-77787 Nordrach (DE).

(74) **ROST, Jürgen**; Bardehle, Pagenberg, Dost, Al-
tenburg, Frohwitter, Geissler, Postfach 86 06 20,
D-81633 München (DE).

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

(11) **WO 98/16347** (13) A1

(21) PCT/JP97/03686

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/272197 (32) **15 Oct/oct 1996** (33) JP
(15.10.1996)

(31) 8/313209 (32) **25 Nov/nov 1996** (33) JP
(25.11.1996)

(31) 9/9661 (32) **22 Jan/jan 1997** (33) JP
(22.01.1997)

(31) 9/156258 (32) **13 Jun/juin 1997** (33) JP
(13.06.1997)

(31) 9/156259 (32) **13 Jun/juin 1997** (33) JP
(13.06.1997)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B24B 37/00

(54) SEMICONDUCTOR SUBSTRATE POLISHING
PAD DRESSER, METHOD OF MANUFACTU-
RING THE SAME, AND CHEMICOMECHAN-
ICAL POLISHING METHOD USING THE SAME
DRESSER
APPAREIL EBARBEUR POUR TAMPON
DE POLISSAGE DE SUBSTRAT SEMI-
CONDUCTEUR, SON PROCEDE DE FA-
BRICATION ET PROCEDE DE POLISSAGE
CHIMICO-MECANIQUE AU MOYEN DUDIT
APPAREIL EBARBEUR

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3,
Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KINOSHITA, Toshiya** [JP/JP]; Gijutsukaihat-
suhonbu of Nippon Steel Corporation, 35-1, Ida
3-chome, Nakahara-ku, Kawasaki-shi, Kanagawa
211 (JP). **TAMURA, Motonori** [JP/JP]; Gijutsu-
kaihatshonbu of Nippon Steel Corporation, 35-1,
Ida 3-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211 (JP).

- (74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16348** (13) A1

(21) PCT/JP96/02999

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) ja (26) ja

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B24B 37/04, B24D 7/00

(54) GRINDSTONE WITH SEAT AND METHOD OF MANUFACTURING THE SAME
MEULE COMPORTANT UN SIEGE ET SON PROCEDE DE FABRICATION

(71) **KANEBO LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBAYASHI, Masanori** [JP/JP]; 1366, Komahane, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP). **NAKAYAMA, Hisao** [JP/JP]; 2-4, Honcho 1-chome, Koga-shi, Ibaraki 306 (JP). **GOHDA, Shuki** [JP/JP]; 1366, Komahane, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP).

(81) CN JP KR SG US.

(11) **WO 98/16349** (13) A1

(21) PCT/US97/16708

(22) **22 Sep/sep 1997 (22.09.1997)**

(25) en (26) en

(31) 96116588.3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP

(34) AT et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B24D 11/02, D04H 3/08

(54) DISPOSABLE NON-WOVEN CLEANING ARTICLES
ARTICLES DE NETTOYAGE NON TISSES ET JETABLES

(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) **MOORE, Katherine, Louise, Heinicke** [US/DE]; Am Kaltenborn 14, D-61462 Königstein (DE). **MALMBAK, Marianne** [DK/DE]; Pfahlgrabenstrasse 17, D-65510 Idstein (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 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 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 98/16350** (13) A2

(21) PCT/US97/17721

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 08/725,059 (32) **2 Oct/oct 1996 (02.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B25B

(54) INDEXIBLE WRENCH
CLE A POSITIONNEMENT REGLABLE

(71) **STANLEY MECHANICS TOOLS, INC.** [US/US]; 12827 Valley Branch Lane, Dallas, TX 75234 (US).

(72) **WHITLEY, Lowell, Blake**; 1104 Eric Avenue, Arlington, TX 76012 (US).

(74) **STANDLEY, Jeffrey, S.**; Standley & Gilcrest, Suite 210, 495 Metro Place South, Dublin, OH 43017 (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 KR KZ 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 VN; 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 98/16351** (13) A1

(21) PCT/US97/18817

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/728,761 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/806,704 (32) **25 Feb/fév 1997 (25.02.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B25B 13/50

(54) INTERLOCKING JAW POWER TONGS
CLES DE VISSAGE HYDROPNEUMATIQUES
A MACHOIRE DE VERROUILLAGE

(71, 72) **BUCK, David, A.** [US/US]; 1348 Sawmill Highway, Breaux Bridge, LA 70517 (US).

(74) **FOSTER, Lance, A.**; 2355 Drusilla Lane, Baton Rouge, LA 70809 (US).

(81) CA NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16352** (13) A1

(21) PCT/EP97/05597

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 196 42 048.2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B25B 21/00, 23/04

(54) AUTOMATIC SCREWING DEVICE
OUTIL AUTOMATIQUE DE VISSAGE

(71) **WEBER SCHRAUBAUTOMATEN GMBH** [DE/DE]; Aurikelstrasse 11-15, D-82515 Wolfratshausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADE, Reiner** [DE/DE]; Hauserweg 4A, D-82541 Münsing (DE). **LISTMEIER, Wolfgang** [DE/DE]; An der Leiten 19, D-83661 Lengries-Schlegldorf (DE). **WOLF, Holger** [DE/DE]; Chiemseestrasse 26, D-82538 Geretsried (DE).

(74) **FINSTERWALD, Martin** et al. / etc.; Robert-Koch-Strasse 1, D-80538 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 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 US UZ VN; 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 98/16353** (13) A1

(21) PCT/GB97/02824

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621472.1 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B25H 1/00

(54) APPARATUS FOR MOUNTING A DRILL ON A PIPE
APPAREIL POUR MONTER UNE PERCEUSE SUR UN TUYAUX

(71, 72) **TURNER, Gordon, Henry** [GB/GB]; 15 Aylesham Way, Yateley, Hants GU46 6NR (GB).

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

(81) GB 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 98/16354** (13) A1

(21) PCT/US97/15076

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) en (26) en

(31) 08/730,071 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B25J 9/00

(54) TRANSFER MECHANISM FOR GLASS ARTICLES
MECANISME DE TRANSFERT POUR ARTICLES EN VERRE

(71) **LIBBEY GLASS INC.** [US/US]; 940 Ash Street, Toledo, OH 43611 (US).

(72) **REID, Gary, G.**; 30 Walnut Drive, Wallaceburg, Ontario N8A 3L2 (CA).

(74) **EMCH, Gregg, W.** et al. / etc.; Emch, Schaffer, Schaub & Porcello Co., L.P.A., P.O. Box 916, Toledo, OH 43697-0916 (US).

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

- (11) **WO 98/16355** (13) A1
(21) PCT/DE97/02345
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) de (26) de
(31) 296 18 310.5 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE
(31) 296 18 309.1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE
(31) 296 22 126.0 (32) **20 Dec/déc 1996 (20.12.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B26B 13/24
(54) HEATABLE CUTTING INSTRUMENT, SPECIALLY SCISSORS, KNIFE, CLIPPERS OR THE LIKE
INSTRUMENT DE COUPE CHAUFFANT, NOTAMMENT UNE PAIRE DE CISEAUX, UN COUTEAU, UNE TONDEUSE A CHEVEUX OU EQUIVALENT
(71, 72) **HOMANN, Steffen** [DE/DE]; Auwaldstrasse 1, D-79110 Freiburg (DE).
(74) **GOY, Wolfgang**; Zähringer Strasse 373, D-79108 Freiburg (DE).
(81) AT AU BG BR CA CH CN CZ DE DK ES FI GB HU IL JP KR LU MK MX NO NZ PL PT RO RU SE SI SK TR 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 98/16356** (13) A1
(21) PCT/EP96/04427
(22) **11 Oct/oct 1996 (11.10.1996)**
(25) de (26) de
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B26D 1/15, 7/26
(54) MEAT SLICING DEVICE
DISPOSITIF A TRANCHER LA VIANDE
(71) **FREUND MASCHINENFABRIK GMBH & CO. KG** [DE/DE]; Schulze-Delitzsch-Strasse 13, D-33100 Paderborn (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FREUND, Robert** [DE/DE]; Lerchenweg 4, D-33178 Borcheln (DE).
(74) **HANEWINKEL, Lorenz**; Ferrariweg 17 a, D-33102 Paderborn (DE).
(81) AU BG BR BY CA CN CU CZ HU JP KR MX NZ PL RU SI SK TR UA 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 98/16357** (13) A1
(21) PCT/DK97/00439
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 1129/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK
(31) 1296/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DK
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B27K 3/15, 3/50
(54) PROCESS FOR IMPREGNATING SOLID WOOD AND PRODUCT OBTAINABLE BY THE PROCESS
(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FELBY, Claus** [DK/DK]; Novo Nordisk A/S, Novo Allé, DK-2880 Bagsværd (DK). **HANSEN, Tomas, Tage** [DK/DK]; Novo Nordisk A/S, Novo Allé, DK-2880 Bagsværd (DK).
(74) **NOVO NORDISK A/S**; Corporate Patents, 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 EZ 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).
Published / Publiée : (c)
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- (11) **WO 98/16358** (13) A1
(21) PCT/FI97/00626
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) fi (26) en
(31) 964148 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FI
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B28B 19/00, E04C 2/26
(54) FACE MATERIAL AND ITS MANUFACTURING PROCESS
MATERIAU DE FACADE ET SON PROCEDE DE PRODUCTION
(71) **SUNE LUNDIN KB** [FI/FI]; Sampovägen 2, FIN-10900 Hangö (FI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LUNDIN, Sune** [FI/FI]; Sampovägen 2, FIN-10900 Hangö (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).
Published / Publiée : (c)
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- (11) **WO 98/16359** (13) A1
(21) PCT/NL97/00575
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) nl (26) en
(31) 1004268 (32) **14 Oct/oct 1996 (14.10.1996)** (33) NL
(31) 1006363 (32) **20 Jun/juin 1997 (20.06.1997)** (33) NL
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B29B 9/14 // B29K 23:00, 105:06
(54) ROD-SHAPED PELLETS
GRANULES CYLINDRIQUES
(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) **CLAESSENS, Hubertus, Marie** [NL/NL]; Eindercoolhoff 111, NL-6155 JG Schinnen (NL). **BULTERS, Markus, Johannes, Henricus** [NL/NL]; Finlandstraat 2, NL-6137 KV Sittard (NL). **WALLINK, Hermanus, Antonius** [NL/DE]; Im Langen Tal 11, D-52538 Selfkant (DE).
(74) **DORRESTIJN, Antoon**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16360** (13) A1
(21) PCT/EP97/05649
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) de (26) de
(31) 1801/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) AT
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B29B 17/00
(54) PROCESSING DEVICE FOR CRUSHING, CONVEYING AND PLASTIFYING THERMOPLASTIC SYNTHETIC MATERIAL
DISPOSITIF DE TRANSFORMATION POUR BROYER, TRANSPORTER ET PLASTIFIER UNE MATIERE THERMOPLASTIQUE
(71, 72) **BARTH, Gerold** [AT/AT]; Ziegelofenweg 13, A-4073 Wilhering (AT). **DOBERSBERGER, Manfred** [AT/AT]; Schmiedgasse 26, A-4061 Pasching (AT). **FELLINGER, Markus** [AT/AT]; Grossdörrnbachstrasse 13, A-4061 Pasching (AT). **KROISS, Günter** [AT/AT]; Am Bahndamm 2, A-4061 Pasching (AT).
(74) **DUPAL, Helmut**; Haydnstrasse 2, A-4701 Bad Schallerbach (AT).
(81) AT (Utility model / modèle d'utilité) AU BG BR CA CN CZ EE GE HU IL JP KR LT LU LV MD MX NO NZ PL RO SG SI SK TR 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)
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- (11) **WO 98/16361** (13) A1
(21) PCT/US97/18289
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) en (26) en
(31) 60/028,536 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(31) 08/924,582 (32) **7 Oct/oct 1997 (07.10.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B29C 33/62, C08L 27/12 // B29K 27:12, 105:16
(54) NONSTICK FINISH FOR MOLDING ARTICLES
APPRET ANTIADHESIF DESTINE AU MOULAGE D'ARTICLES
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) **D'HAENENS, Luc, Germain, Pierre, Joseph**; 44-2, Yaguchidai, Naka-ku, Yokohama 231 (JP). **KIWA, Kenji**; 115-3-310, Terayama-cho, Midori-ku, Yokohama-shi, Kanagawa 226 (JP).

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

(81) AU BR ID JP KR MX RU VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/16362** (13) A1

(21) PCT/ES97/00248

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) es (26) es

(31) P 9602158 (32) **14 Oct/oct 1996 (14.10.1996)** (33) ES

(31) P 9702038 (32) **30 Sep/sep 1997 (30.09.1997)** (33) ES

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 39/04, 35/02, 59/04 // B29L 9:00, B29C 33/38

(54) PLANT FOR OBTAINING SHEETS WITH OPTICAL EFFECTS
INSTALLATION POUR L'OBTENTION DE FEUILLES AVEC EFFETS OPTIQUES

(71, 72) **GRIFOLL CASANOVAS, Juan** [ES/ES]; Grecia, 1, E-08228 Terrassa (ES).

(74) **PASTELLS TEIXIDO, Manuel**; Pastells & Aragonés, S.L., Pau Claris, 138, E-08009 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 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 98/16363** (13) A1

(21) PCT/EP97/05312

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 196 42 286.8 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 43/00, C08J 11/04, C08K 5/00, C08L 67/02

(54) AMORPHOUS CRISTALLIZABLE UV-STABILIZING PLATE, AND MANUFACTURING A MOULD FROM SAME
PLAQUE AMORPHE ANTI-UV CRISTALLIZABLE, ET FABRICATION D'UN MOULE A PARTIR DE CELLE-CI

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURSCHALL, Ursula** [DE/DE]; Im Bacchuswinkel 15, D-55283 Nierstein (DE).
BRUNOW, Rainer [DE/DE]; Weingasse 5, D-65817 Eppstein (DE).

(81) AU BG BR BY CA CN CZ HU ID IL JP KR MX NO NZ PL RO RU SG SI TR UA US; EP (AT BE CH DE DK ES FI FR 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 98/16364** (13) A2

(21) PCT/GB97/02775

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 9621193.3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(31) 9621625.4 (32) **17 Oct/oct 1996 (17.10.1996)** (33) GB

(31) 9705952.1 (32) **21 Mar/mar 1997 (21.03.1997)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 44/58, 44/04

(54) METHOD OF INJECTION MOULDING A FOAMED ARTICLE
PROCEDE DE MOULAGE PAR INJECTION D'UN ARTICLE MOUSSE

(71) **CORALTECH LIMITED** [GB/GB]; Hill Hampton, East Meon, Petersfield, Hampshire GU32 1QN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, Peter, Reginald** [GB/GB]; 2 Flint Cottages, Woodcote Farm, Graftonham, Petworth GU28 0NU (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 TJ TM TR TT UA UG US UZ VN; 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 98/16365** (13) A1

(21) PCT/JP97/03679

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/271105 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 45/00, 45/26

(54) HOLLOW TUBULAR BODY FOR AIR INTAKE DUCT, MOLD THEREFOR, AND METHOD OF MOLDING THE SAME
CORPS TUBULAIRE CREUX POUR CONDUIT DE PRISE D'AIR, MOULE DESTINE AUDIT CORPS ET PROCEDE DE MOULAGE DUDIT CORPS

(71) **BANDO CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIRAKI, Hayato** [JP/JP]; Arakaneryo, 188-6, Arakane-cho, Ashikaga-shi, Tochigi 326 (JP).
SASATANI, Yoshiaki [JP/JP]; Vira Etoleunu IIID-102, 13-1, Kamikashiwada 2-chome, Ushiku-shi, Ibaraki 300-12 (JP).
MATSUMOTO, Noriaki [JP/JP]; Arakaneryo, 188-6, Arakane-cho, Ashikaga-shi, Tochigi 326 (JP).

(74) **SUMIDA, Yoshihiro** et al. / etc.; Boeki Building, 3rd floor, 123-1, Hishigashimachi, Chuo-ku, Kobe-shi, Hyogo 650 (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 98/16366** (13) A1

(21) PCT/NL97/00576

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) nl (26) en

(31) 1004268 (32) **14 Oct/oct 1996 (14.10.1996)** (33) NL

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 45/80, 47/92, 70/28, 44/02

(54) THERMOPLASTIC MOULDED PART, A PROCESS FOR THE PRODUCTION THEREOF AND APPLICATIONS THEREOF
PIECE THERMOPLASTIQUE MOULEE, PROCEDE DE FABRICATION D'UNE TELLE PIECE ET APPLICATION CORRESPONDANTE

(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) **BULTERS, Markus, Johannes, Henricus** [NL/NL]; Finlandstraat 2, NL-6137 KV Sittard (NL).
STOKMAN, Petrus, Henricus, Maria [NL/NL]; St. Jozefstraat 69, NL-6431 XJ Heerlen (NL).
GEESINK, Johannes, Hendrik [NL/NL]; Groenenweg 10, NL-6365 AR Schinnen (NL).

(74) **DORRESTIJN, Antoon**; Octrooibureau 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16367** (13) A2

(21) PCT/DE97/02144

(22) **20 Sep/sep 1997 (20.09.1997)**

(25) de (26) de

(31) 196 41 943.3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B29C 49/42

(54) DEVICE FOR HOLDING PREFORMS AND BLOWER MACHINE FOR SHAPING CONTAINERS
DISPOSITIF POUR MAINTENIR DES PREFORMES ET MACHINE DE SOUFFLAGE POUR MOULER DES RECIPIENTS

(71) **KRUPP CORPOPLAST MASCHINENBAU GMBH** [DE/DE]; Meiendorfer Strasse 203, D-22145 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISS, Ronald** [DE/DE]; Jersbeker Strasse 29, D-22941 Bargteheide (DE).

(74) **KLICKOW, Hans-Henning** et al. / etc.; Jessenstrasse 4, D-22767 Hamburg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16368** (13) A1
 (21) PCT/US97/18595
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 60/028,967 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (31) 08/941,719 (32) **1 Oct/oct 1997 (01.10.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B29D 11/00, B24B 13/00, 13/005
 (54) APPARATUS AND METHOD FOR BLOCKING A CONTACT LENS BUTTON
 APPAREIL ET PROCEDE DE FIXATION D'UN BOUTON DE LENTILLE DE CONTACT
 (71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
 (72) **SHANNON, John, H.**; 7122 Tucker Lane, Hamlin, NY 14464 (US).
 (74) **McGUIRE, Katherine** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
 (81) AL AU BB BR BY CA CU EE ES FI GB HU IL JP KE KG KP KR MD MK MN MW NO NZ PL PT RU SE SI SK TJ TR TT UA UZ VN; AP (GH 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 98/16369** (13) A1
 (21) PCT/JP97/03249
 (22) **12 Sep/sep 1997 (12.09.1997)**
 (25) ja (26) ja
 (31) 8/272407 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B30B 13/00, 15/04
 (54) TRANSFER PRESS
 PRESSE DE TRANSFERT
 (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NISHIDA, Kenji** [JP/JP]; Komatsu Factory of Komatsu Ltd., 5-banchi, Jikata, Yokaichi-machi, Komatsu-shi, Ishikawa-ken 923 (JP). **WATANABE, Shouji** [JP/JP]; Komatsu Factory of Komatsu Ltd., 5-banchi, Jikata, Yokaichi-machi, Komatsu-shi, Ishikawa-ken 923 (JP).
 (74) **HAMAMOTO, Tadashi**; Bansui Building, 5-16, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
 (81) CN DE US.
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- (11) **WO 98/16370** (13) A2
 (21) PCT/IB97/01247
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) en (26) en
 (31) 9621272.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B30B 15/16
 (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS AND RELATED METHODS
 APPAREIL DE FABRICATION DE CARTON CANNELE ET PROCEDES ASSOCIES
 (63) US 08/731,532 (CON)
 (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1271 Carriage House Lane, Gastonia, NC 28056 (US).
 (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16371** (13) A1
 (21) PCT/DE97/02289
 (22) **4 Oct/oct 1997 (04.10.1997)**
 (25) de (26) de
 (31) 196 42 204.3 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B30B 15/28, 1/08, F16P 3/16
 (54) SAFETY DEVICE ON METAL-FORMING MACHINE TOOLS
 DISPOSITIF DE SECURITE SITUE SUR DES MACHINES-OUTILS TRAVAILLANT LE METAL PAR FORMAGE
 (71) **TELEGÄRTNER GERÄTEBAU GMBH** [DE/DE]; Frauenstrasse 1, D-01774 Höckendorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WAGNER, Ingo** [DE/DE]; Kleindorfhainer Strasse 25a, D-01738 Dorfhain (DE). **WOLF, Horst** [DE/DE]; Schulgasse 26, D-01774 Pretzschendorf (DE).
 (74) **LIPPERT, STACHOW, SCHMIDT & PARTNER**; P.O. Box 19 24 38, D-01282 Dresden (DE).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KG KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; 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 98/16372** (13) A2
 (21) PCT/US97/18439
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/731,532 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B31F
 (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS AND RELATED METHODS
 APPAREIL DE FABRICATION DE CARTON CANNELE ET PROCEDES ASSOCIES
 (63) US 08/731,532 (CON)
 (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1271 Carriage House Lane, Gastonia, NC 28056 (US).
 (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 S. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16373** (13) A1
 (21) PCT/US97/18592
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/731,531 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B31F 1/28
 (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS WITH CONTROLLABLE PREHEATING AND RELATED METHODS
 APPAREIL DE FABRICATION DE CARTON ONDULE A PRECHAUFFAGE REGLABLE, ET PROCEDES ASSOCIES
 (63) US 08/731,531 (CON)
 16 Oct/oct 1997 (16.10.1997)
 (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1271 Carriage House Lane, Gastonia, NC 28056 (US).
 (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 S. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16374** (13) A1
 (21) PCT/US97/18776
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/731,534 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B30B 15/16
 (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS AND RELATED METHODS
 APPAREIL DE FABRICATION DE CARTON CANNELE ET PROCEDES ASSOCIES
 (63) US 08/731,534 (CON)
 (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1271 Carriage House Lane, Gastonia, NC 28056 (US).
 (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 S. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (51)⁶ B31F 1/28
- (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS WITH BOARD PROFILE MONITORING AND RELATED METHODS
APPAREIL DE FABRICATION DE CARTON ONDULE AVEC SURVEILLANCE DU CONTOUR DU CARTON ET PROCEDES CORRESPONDANTS
- (63) US 08/731,534 (CON)
16 Oct/oct 1996 (16.10.1996)
- (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1801 N. Morrison Street, Appleton, WI 54911-2909 (US).
- (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 S. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16375** (13) A1
- (21) PCT/US97/18777
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 08/731,533 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B31F 1/28
- (54) CORRUGATED PAPERBOARD MANUFACTURING APPARATUS PROVIDING CONTROLLABLE HEAT AND RELATED METHODS
APPAREIL DE FABRICATION DE CARTON ONDULE FOURNISSANT DE LA CHALEUR REGULABLE ET PROCEDES CORRESPONDANTS
- (63) US 08/731,533 (CON)
16 Oct/oct 1996 (16.10.1996)
- (71) **INTERFIC, INC.** [US/US]; 191 Gibson Court, Dallas, NC 28034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SISSONS, Anthony, J.** [US/US]; 1528 Prancer Lane, Gastonia, NC 28056 (US). **THOMAS, David, Alan** [US/US]; 1271 Carriage House Lane, Gastonia, NC 28056 (US).
- (74) **REGAN, Christopher, F.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 S. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16376** (13) A1
- (21) PCT/DK97/00431
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) da (26) en
- (31) 1137/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DK
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B32B 1/08, B29C 70/30 // E04H 12/02
- (54) POTEAU ET SON PROCEDE DE FABRICATION
- (71) **DANOMAST** [DK/DK]; GT Glasfiber, Nøragervej 1, DK-6682 Hovborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THØGERSEN, Thomas-Peter** [DK/DK]; Sønderkær 252, DK-7190 Billund (DK).
- (74) **HOLME, Edvard**; Holme Patent a/s, Sankt Peders Stræde 41, DK-1453 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16377** (13) A1
- (21) PCT/US96/16889
- (22) **11 Oct/oct 1996 (11.10.1996)**
- (25) en (26) en
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B32B 3/00
- (54) SUPPORTED ACTIVATED CARBON COMPOSITES AND METHOD OF MAKING SAME
MATERIAUX COMPOSITES SUPPORTES, EN CHARBON ACTIF, ET LEUR PROCEDE DE FABRICATION
- (71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) **GADKAREE, Kishor, P.**; 15 Orchard Drive, Big Flats, NY 14814 (US).
- (74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).
- (81) AU JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16378** (13) A1
- (21) PCT/US97/17989
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 08/729,332 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B32B 3/00, B02C 23/00
- (54) RECYCLABLE PRINTABLE MEDIA
SUPPORT IMPRIMABLE RECYCLABLE
- (71, 72) **EWING, William, D.** [US/US]; P.O. Box 223, Tiberton, RI 02878 (US).

- (74) **DUNLEAVY, Kevin, J.**; Larson and Taylor, Suite 900, 1199 N. Fairfax Street, Alexandria, VA 22314 (US).
- (81) AU CA JP NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/16379** (13) A1
- (21) PCT/US97/15539
- (22) **4 Sep/sep 1997 (04.09.1997)**
- (25) en (26) en
- (31) 08/728,712 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B32B 5/02, D04H 13/00, B32B 31/00
- (54) ELASTIC LAMINATES WITH IMPROVED HYSTERESIS
STRATIFIES ELASTIQUES PRESENTANT UNE HYSTERESIS AMELIOREE
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **ESTEY, Paul, Windsor**; 2905 Goldmine Road, Cumming, GA 30131 (US). **HAFFNER, William, Bela**; 1256 Tinderbox Lane, Kennesaw, GA 30144 (US). **TINSLEY, Jon, Edward**; 1025 Windsor Trail, Roswell, GA 30076 (US). **SHAWVER, Susan, Elaine**; 2010 Pearwood Path, Roswell, GA 30076 (US). **SMITH, Stephen, Clark**; 1270 Mayfair Drive, Atlanta, GA 30324-3225 (US).
- (74) **ROBINSON, James, B.** 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 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).

- (72) **ESTEY, Paul, Windsor**; 2905 Goldmine Road, Cumming, GA 30131 (US). **HAFFNER, William, Bela**; 1256 Tinderbox Lane, Kennesaw, GA 30144 (US). **TINSLEY, Jon, Edward**; 1025 Windsor Trail, Roswell, GA 30076 (US). **SHAWVER, Susan, Elaine**; 2010 Pearwood Path, Roswell, GA 30076 (US). **SMITH, Stephen, Clark**; 1270 Mayfair Drive, Atlanta, GA 30324-3225 (US).

- (74) **ROBINSON, James, B.** 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 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).

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- (11) **WO 98/16380** (13) A1
- (21) PCT/US97/17692
- (22) **30 Sep/sep 1997 (30.09.1997)**
- (25) en (26) en
- (31) 08/730,511 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B32B 5/02, D04H 13/00
- (54) LAMINATED FABRIC HAVING CROSS-DIRECTIONAL ELASTICITY
TISSU LAMINE AVEC ELASTICITE TRANSVERSALE
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **HAFFNER, William, Bela**; 1256 Tinderbox Lane, Kennesaw, GA 30144 (US). **MORMAN, Michael, Tod**; 555 Kings Peak, Alpharetta, GA 30202 (US). **TAYLOR, Jack, Draper**; 135 Big Creek Court, Roswell, GA 30076 (US). **TINSLEY, Jon, Edward**; 1025 Windsor Trail, Roswell, GA 30076 (US).
- (74) **ROBINSON, James, B.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16381** (13) A2

(21) PCT/EP97/05311

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 196 42 287.6 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B32B 27/00

(54) CRISTALLIZABLE THERMOPLASTIC MULTILAYER PLATE, MANUFACTURING FROM SAME A CRISTALLIZABLE MOULD, AND ITS USE
PLAQUE MULTICOUCHE EN MATIERE THERMOPLASTIQUE CRISTALLISABLE, FABRICATION D'UN MOULE CRISTALLISE A PARTIR D'UNE TELLE PLAQUE ET UTILISATION

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
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(72, 75) **MURSCHALL, Ursula** [DE/DE]; Im Bacchuswinkel 11, D-55283 Nierstein (DE).
BRUNOW, Rainer [DE/DE]; Weingasse 5, D-65817 Eppstein (DE).

(81) AU BG BR BY CA CN CZ HU ID IL JP KR MX NO NZ PL RO RU SG SI TR UA US; EP (AT BE CH DE DK ES FI FR 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 98/16382** (13) A1

(21) PCT/GB97/02836

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621385.5 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B32B 31/08, B65H 39/16, 23/032, B65D 30/00

(54) LAMINATING APPARATUS
APPAREIL DE STRATIFICATION

(71) **TECKSOM INTERNATIONAL LIMITED** [BS/BS]; Suite 205, Saffrey Square, Bank Lane, P.O. Box N-8188, Nassau (BS).
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(71) **MARSHALL, Cameron, John** [GB/GB]; 177 Robin Hood Way, Kingston Vale, London SW15 3QG (GB).
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(72, 75) **TANG, Luen, Sing** [CN/CN]; House 11, Santa Maria Avenue, Phase B, Royal Palms, Wo Shang Wai, New Territories (CN).

(74) **VOTIER, Sidney, David**; Carpmaels & 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16383** (13) A1

(21) PCT/US97/18269

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/730,594 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B32B 31/12, 31/18, 31/26, H05K 1/03

(54) METHOD TO CONTROL CAVITY DIMENSIONS OF FIRED MULTILAYER CIRCUIT BOARDS ON A SUPPORT
PROCEDE DE CONTROLE DES DIMENSIONS D'UNE CAVITE DE PLAQUETTES DE CIRCUIT A COUCHES MULTIPLES PORTEES EN CUISSON ET POSEES SUR UN SUPPORT

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08540 (US).

(72) **SREERAM, Attinganal, Narayanaswamy**; 39-02 Fox Run Drive, Plainsboro, NJ 08536 (US).
THALER, Barry, Jay; 1 Chopin Lane, Lawrenceville, NJ 08648 (US).
PRABHU, Ashok, N.; 21 Meadow Lane, East Windsor, NJ 08520 (US).

(74) **SILVERIO, John, V.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08540 (US).

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

(11) **WO 98/16384** (13) A1

(21) PCT/GB97/02804

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9621324.4 (32) **12 Oct/oct 1996 (12.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41F 13/004, 33/00, 13/12

(54) PRINTING APPARATUS
APPAREIL D'IMPRESSION

(71) **GOSS GRAPHIC SYSTEMS LIMITED** [GB/GB]; Greenbank Street, Preston, Lancashire PR1 7LA (GB).
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(72, 75) **COSTIN, Ian, John** [GB/GB]; 40 Knot Lane, Walton-le-Dale, Preston, Lancashire PR5 4BQ (GB).
DONALDSON, Peter, Andrew [GB/GB]; 14 St. Walburges Gardens, Ashton, Preston, Lancashire PR2 2QJ (GB).
CARSLEY, Howard, Stephen [GB/GB]; 145 Anchorsholme Lane East, Thorton Cleveleys, Lancashire FY5 3BS (GB).

(74) **DEMPSTER, Benjamin, John, Naftel** et al. / etc.; 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/16385** (13) A1

(21) PCT/DE97/02256

(22) **1 Oct/oct 1997 (01.10.1997)**

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(31) 196 41 953.0 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41F 13/02, 33/06, 33/18, B65H 26/02

(54) SECURING DEVICE FOR A PRINTED CARRIER
DISPOSITIF DE FIXATION POUR SUPPORT D'IMPRESSION

(71) **KOENIG & BAUER-ALBERT AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECK, Peter, Franz** [DE/DE]; Schlesserstrasse 1, D-97753 Karlstadt (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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(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41F 13/58, 13/06, B65H 23/32

(54) PAPER FEEDING IN A FOLDER
ALIMENTATION D'APPAREILS DE PLIAGE EN FEUILLE CONTINUE

(71) **KOENIG & BAUER-ALBERT AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIS, Anton** [DE/DE]; Mozartstrasse 2, D-64653 Lorsch (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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(31) 96/12671 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(31) 97/01033 (32) **28 Jan/jan 1997 (28.01.1997)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41F 15/42, H05K 3/12, B41M 1/12, B05D 1/32, 1/26(54) PROCESS AND APPARATUS FOR THE DEPOSITION OF A VISCOUS PRODUCT ON A SUBSTRATE VIA A STENCIL
PROCEDE ET APPAREIL DESTINES AU DEPOT D'UN PRODUIT VISQUEUX SUR UN SUBSTRAT VIA UN POCHOIR(71) **SOCIETE NOVATEC S.A.** [FR/FR]; Z.A. Albasud, 170, rue L. Lepine, F-82000 Montauban (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BOURRIERES, Francis** [FR/FR]; 80, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban (FR). **KAISER, Clément** [FR/FR]; 321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban (FR).(74) **WILLIAMS, Janice**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (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).

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(31) 196 42 141.1 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41F 27/12(54) PLATE REMOVING DEVICE
DISPOSITIF POUR ENLEVER DES PLAQUES(71) **KOENIG & BAUER-ALBERT AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MÜLLER, Robert** [DE/DE]; Eckbachring 25, D-67259 Heuchelheim (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 98/16389** (13) A1

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(31) 96/12491 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41J 2/015, 2/06, 2/04(54) METHOD AND DEVICE FOR CONTROLLED DISCHARGING OF LIQUID, ITS APPLICATION IN PRINTING
PROCEDE ET DISPOSITIF D'EMISSION DE LIQUIDE DE MANIERE CONTROLLEE, APPLICATION A L'IMPRESSION(71) **IMAJE S.A.** [FR/FR]; 9, rue Gaspard Monge, F-26501 Bourg lès Valence Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **FARLOTTI, Laurent** [FR/FR]; 1, impasse Benjamin Franklin, F-07500 Guilhaumand-Granges (FR).(74) **SOCIETE DE PROTECTION DES INVENTIONS**; 25, rue de Ponthieu, F-75008 Paris (FR).

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

(11) **WO 98/16390** (13) A1

(21) PCT/GB97/02767

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 9621525.6 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41J 2/185(54) LIQUID COLLECTION
COLLECTEUR DE LIQUIDE(71) **DOMINO PRINTING SCIENCES PLC** [GB/GB]; Bar Hill, Cambridge CB3 8TU (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **ZABA, Jerzy, Marcin** [PL/GB]; 56 Melvin Way, Histon, Cambridge CB4 4HY (GB). **DENNE, William, Anthony** [GB/GB]; The Lane House, 103 Church Street, Great Shelford, Cambridge CB2 5EL (GB). **MITCHELL, Richard, Frank** [GB/GB]; 13 Coppice Avenue, Great Shelford, Cambridge CB2 5AQ (GB).(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

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

(11) **WO 98/16391** (13) A1

(21) PCT/EP97/05062

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) 9621378.0 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41J 3/407, 2/32(54) TAPE PRINTING APPARATUS
APPAREIL D'IMPRESSION SUR BANDE(71) **ESSELTE N.V.** [BE/BE]; Industriepark-Noord 30, B-9100 St. Niklaas (BE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SIMS, Charles, Robert** [GB/GB]; 70 Chapel Lane, Fowlmere, Royston, Hertfordshire SG8 7SD (GB). **DAY, Robert, Charles, Lewis** [GB/GB]; 63 Station Road, Fulbourn, Cambridge CH1 5ER (GB). **PALMER, Mathew, Richard** [GB/GB]; 13 Males Close, Cottenham, Cambridge CB4 4SB (GB). **HALKET, Andrew, Richard, Buchanan** [GB/GB]; 17 Fennec Close, Cambridge CB1 4GG (GB).(74) **FRANZEN, Peter**; Esselte Metro International GmbH, Westerwaldstrasse 3-13, D-64646 Heppenheim (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; 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 98/16392** (13) A1

(21) PCT/SE97/01685

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) sv (26) en

(31) 9603787-4 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41J 5/10(54) KEYBOARD IN STATIONARY VEHICLE CONTROL UNITS
APPAREIL A CLAVIER D'UNE UNITE DE COMMANDE FIXE POUR VEHICULE(71) **COMBITECH TRAFFIC SYSTEMS AB** [SE/SE]; P.O. Box 1063, S-551 10 Jönköping (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **JOHANSSON, Alf** [SE/SE]; Skogsvägen 18, S-560 28 Lekeryd (SE). **LEJONBERG, Gunnar** [SE/SE]; Hunnerydsvägen 13, S-561 46 Huskvarna (SE).(74) **LUNDMARK, Jan-Erik**; Saab AB, Patent Dept., S-581 88 Linköping (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; 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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(31) 9621379.8 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB(31) 9717933.7 (32) **22 Aug/Août 1997 (22.08.1997)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B41J 11/58, 25/304, 3/407(54) TAPE PRINTING APPARATUS AND TAPE HOLDING CASES
APPAREIL D'IMPRESSION SUR BANDE MAGNETIQUE ET BOITIER DE MAINTIEN DE BANDE MAGNETIQUE(71) **ESSELTE N.V.** [BE/BE]; Industriepark-Noord 30, B-9100 Sint-Niklaas (BE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **PALMER, Mathew, Richard** [GB/GB]; 13 Males Close, Cottenham, Cambridge CB4 4SB (GB). **COCKERILL, Sam** [GB/GB]; 38 Queens Close, Harston, Cambridge CB2 5QL (GB). **PANAYI, Costa** [GB/GB]; 46 Armingford Crescent, Melbourn, Royston, Herts SG8 6NG (GB). **DAY, Robert, Charles, Lewis** [GB/GB]; 63 Station

- Road, Fulbourn, Cambridge CB1 5ER (GB). **SIMS, Charles, Robert** [GB/GB]; 70 Chapel Lane, Fowlmere, Royston, Hertfordshire SG8 7SD (GB). **HALKET, Andrew, Buchanan** [GB/GB]; 17 Fennic Close, Cherry Hinton, Cambridge CB1 4GG (GB).
- (74) **FRANZEN, Peter**; Meto International GmbH, Westerwaldstrasse 3-13, D-64646 Heppenheim (DE).
- (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16394** (13) A1
(21) PCT/IB97/01278
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) BO96A000514 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IT
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B41J 15/16
- (54) DEVICE FOR STABILISING THE TENSION OF THE PAPER RIBBON IN AN INK-JET VERTICAL PLOTTER FOR TRACING SHAPES FOR CLOTHS
DISPOSITIF DE STABILISATION DE LA TENSION DU RUBAN DE PAPIER DANS UN TRAÇEUR VERTICAL A JET D'ENCRE DESTINE A TRACER DES FORMES POUR TISSUS
- (71) **ALGOTEX S.R.L.** [IT/IT]; Via dei Mari, 5, I-40014 Crevalcore (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CATTABRIGA, Matteo** [IT/IT]; Via Sbraglia Ponente, 138, I-40014 Crevalcore (IT).
- (74) **AGAZZANI, Giampaolo**; Interbrevetti S.r.l., Via del Cestello 13, I-40124 Bologna (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 98/16395** (13) A1
(21) PCT/IT97/00249
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) en (26) en
(31) PC96A000028 (32) **16 Oct/oct 1996 (16.10.1996)** (33) IT
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B41M 3/14
- (54) ANTI-TAMPERING PROCESS AND DEVICE FOR CREDIT INSTRUMENTS OR VARIABLE DATA
PROCÉDE ET DISPOSITIF ANTIFRAUDE POUR INSTRUMENTS DE CREDIT OU DONNÉES VARIABLES
- (71) **E.C.S. EUROPEAN CONTRACT SERVICES S.R.L.** [IT/IT]; Via Cascina Bugo, 1, I-20080 Ozzero (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AOSANI, Roberto** [IT/IT]; Via Cascina Bugo, 1, I-20080 Ozzero (IT).
- (74) **FARNESE, Giuseppe**; Via Garibaldi, 83, I-29100 Piacenza (IT).
- (81) AU CA CN 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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- (11) **WO 98/16396** (13) A1
(21) PCT/US97/18555
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 08/730,287 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B41M 5/00, C09D 177/00, C08K 3/36
- (54) COATING COMPOSITION FOR INK-JET RECORDING MEDIA
COMPOSITION D'ENROBAGE POUR SUPPORT D'ENREGISTREMENT POUR L'IMPRESSION PAR JET D'ENCRE
- (71) **BRADY USA, INC.** [US/US]; 6555 West Good Hope Road, Milwaukee, WI 53223 (US).
- (72) **ADAIR, Paul, C.**; N101 W15945 Sante Fe Drive, Germantown, WI 53022 (US). **KLEMMANN, Bruce, M.**; 3955 North Stowell Avenue, Shorewood, WI 53211 (US). **JANICEK, Mary, J.**; 8560 North Greenvale Road, Bayside, WI 53217 (US).
- (74) **LELKES, Robert, S.** et al. / etc.; Whyte Hirschboeck Dudek S.C., Suite 2100, 111 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AU (Petty patent) CA JP (Utility model / modèle d'utilité); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/16397** (13) A1
(21) PCT/EP97/04449
(22) **14 Aug/Août 1997 (14.08.1997)**
(25) de (26) de
(31) 196 42 040.7 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B41M 5/24, G09F 3/02, B41M 3/14, B32B 27/08, 15/08
- (54) FOIL CAPABLE OF BEING INSCRIBED BY A LASER BEAM
FEUILLE SUSCEPTIBLE D'ETRE INSCRITE AU MOYEN D'UN FAISCEAU LASER
- (71) **SCHREINER ETIKETTEN UND SELBSTKLEBTECHNIK GMBH & CO.** [DE/DE]; Bruckmannring 22, D-85764 Oberschleißheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÖSSLINGER, Robert** [DE/DE]; Linprunstrasse 42, D-80335 München (DE).
- (74) **KEHL, Günther**; Friedrich-Herschel-Strasse 9, D-81679 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 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 98/16398** (13) A1
(21) PCT/ES97/00237
(22) **26 Sep/sep 1997 (26.09.1997)**
(25) es (26) es
(31) P 9602152 (32) **11 Oct/oct 1996 (11.10.1996)** (33) ES
(31) U 9602817 (32) **6 Nov/nov 1996 (06.11.1996)** (33) ES
(31) U 9602873 (32) **12 Nov/nov 1996 (12.11.1996)** (33) ES
(31) U 9701602 (32) **6 Jun/juin 1997 (06.06.1997)** (33) ES
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B42F 11/00
- (54) SUPPORT FOR HOLDING, FIXING, BINDING AND FILING
SUPPORT D'ASSUJETTISSEMENT, FIXATION, RELIURE ET ARCHIVAGE
- (71, 72) **MASA ALCORLO, Valentin** [ES/ES]; Calle Vizcaya, 39, E-28700 San Sebastian de los Reyes (ES).
- (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 98/16399** (13) A1
(21) PCT/US97/19454
(22) **17 Oct/oct 1997 (17.10.1997)**
(25) en (26) en
(31) 08/733,676 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
(31) 08/909,302 (32) **11 Aug/Août 1997 (11.08.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B60B 15/00
- (54) TRACTION DEVICE FOR VEHICLE WHEELS
DISPOSITIF D'ADHERENCE POUR ROUES DE VEHICULE
- (71, 72) **O'BRIEN, John, M.** [US/US]; 9385 S.W. Iowa Drive, Tualatin, OR 97062 (US).
- (74) **HARRINGTON, Robert, L.**; The Promenade Building, Suite 220, 421 High Street, Oregon City, OR 97045 (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; 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 98/16400** (13) A1
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(22) **14 Oct/oct 1997 (14.10.1997)**
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- (31) 8/270795 (32) **14 Oct/oct 1996** (33) JP
(14.10.1996)
- (31) 8/332291 (32) **12 Dec/déc 1996** (33) JP
(12.12.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60C 19/00
- (54) TIRE WITH TRANSPONDER AND TRANSPONDER FOR TIRE
PNEU MUNI D'UN TRANSPONDEUR ET TRANSPONDEUR POUR PNEU
- (71) **THE YOKOHAMA RUBBER CO., LTD.** [JP/JP]; 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Osamu** [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Plant, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **SHIMURA, Kazuhiro** [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Plant, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **YATSUYANAGI, Fumito** [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Plant, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP).
- (74) **YOSHIDA, Kiyotaka**; Meiwa Building, 15-10, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
- (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 98/16401** (13) A1
- (21) PCT/US97/18764
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 08/729,092 (32) **15 Oct/oct 1996** (33) US
(15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60J 5/04
- (54) REMOVABLE DOOR CASSETTE FOR A VEHICLE AND METHOD OF ASSEMBLY
CASSETTE DE PORTIERE AMOVIBLE POUR VEHICULE ET PROCEDE D'ASSEMBLAGE
- (71) **TRIM TRENDS, INC.** [US/US]; 30665 Northwestern Highway, Farmington Hills, MI 48334 (US).
- (72) **KOWALSKI, Daniel, J.**; 205 Park Avenue, Lake Orion, MI 48362 (US).
- (74) **RUTHERFORD, Charles, R.** et al. / etc.; 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16402** (13) A1
- (21) PCT/HU96/00059
- (22) **16 Oct/oct 1996 (16.10.1996)**
- (25) en (26) en
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60K 1/04, H01M 2/10, 10/42, B60L 11/18
- (54) ELECTRIC VEHICLE
- VEHICULE ELECTRIQUE
- (71, 72) **PINTZ, György** [HU/HU]; Logodi u. 57, H-1012 Budapest (HU). **ZSOMBÓK, György** [HU/HU]; Stefánia út 47, H-1143 Budapest (HU). **PACZOLAY, Kinga** [HU/HU]; Mészáros u. 10, H-1016 Budapest (HU).
- (74) **PINTZ, György**; Logodi u. 57, H-1012 Budapest (HU).
- (81) AU BG BR CA CN CZ EE IL IS JP KR LK LT LV MK MX NO NZ PL RO SG SI SK TR UA US VN; AP (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 98/16403** (13) A1
- (21) PCT/FR97/01830
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) fr (26) fr
- (31) 96/12466 (32) **11 Oct/oct 1996** (33) FR
(11.10.1996)
- (31) 96/14635 (32) **29 Nov/nov 1996** (33) FR
(29.11.1996)
- (31) 97/11546 (32) **17 Sep/sep 1997** (33) FR
(17.09.1997)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60K 15/03
- (54) SAFETY TORIC TANKS FOR LIQUEFIED PETROLEUM GAS FOR VEHICLES WITH DUAL-FUEL CARBURATION
RESERVOIRS TORIQUES DE SECURITE POUR GAZ DE PETROLE LIQUIFIE POUR VEHICULES A BICARBURATION
- (71, 72) **BARABINO, Alphonso** [IT/FR]; 227, rue Diderot, F-94300 Vincennes (FR). **BARABINO, Yves** [FR/FR]; 227, rue Diderot, F-94300 Vincennes (FR).
- (74) **BARABINO, Alphonso**; 227, rue Diderot, F-94300 Vincennes (FR).
- (81) HU 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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- (21) PCT/EP97/05452
- (22) **4 Oct/oct 1997 (04.10.1997)**
- (25) de (26) de
- (31) 196 42 123.3 (32) **12 Oct/oct 1996** (33) DE
(12.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60K 23/00, B60R 21/09, B60T 7/06, G05G 1/14
- (54) NOTCHING MECHANISM FOR MAINTAINING A CONTROL SYSTEM, PARTICULARLY A BRAKE SYSTEM, IN CASE OF A COLLISION
DISPOSITIF DE CRANTAGE DE SECURITE POUR SYSTEME DE COMMANDE, NOTAMMENT DE FREINS, EN CAS DE COLLISION
- (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) **GÜNTHER, Jürgen** [DE/DE]; An der Pfarrwiese 53, D-60437 Frankfurt am Main (DE). **JEUCK, Bernhard** [DE/DE]; Friedenstrasse 22, D-65599 Dornburg (DE).
- (74) **PORTWICH, P.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).
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- (11) **WO 98/16405** (13) A1
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- (22) **3 Oct/oct 1997 (03.10.1997)**
- (25) en (26) en
- (31) 9603786-6 (32) **16 Oct/oct 1996** (33) SE
(16.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60N 2/38
- (54) SELF-LEVELLING APPARATUS FOR A SEAT
DISPOSITIF DE REDRESSEMENT AUTOMATIQUE POUR SIEGE
- (71) **CARLGRENS ERGONOMI AB** [SE/SE]; P.O. Box 39, S-193 21 Sigtuna (SE).
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- (72, 75) **CARLGRÉN, Klas** [SE/SE]; P.O. Box 39, S-193 21 Sigtuna (SE).
- (74) **Gerhard Miksche**; Conimar AB, P.O. Box 2086, S-141 02 Huddinge (SE).
- (81) AM AU BA BG BR CA CN CU CZ EE GE HU IL IS JP KR LK LT LV MD MK MX NO NZ PL RO SG SI SK TR UA US YU; EA (AM AZ BY 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 98/16406** (13) A1
- (21) PCT/NO97/00271
- (22) **7 Oct/oct 1997 (07.10.1997)**
- (25) no (26) en
- (31) 964371 (32) **14 Oct/oct 1996** (33) NO
(14.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60N 2/48
- (54) HEADREST
APPUI-TETE
- (71, 72) **ANDONOV, Accen** [NO/NO]; Heibergsgate 24, N-1630 Gamle Fredrikstad (NO).
- (74) **NEERGAARD, Harald**; ABC-Patent, Siviling, Rolf Chr. B. Larsen a.s, Brynsveien 5, N-0667 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 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).
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- (11) **WO 98/16407** (13) A1
- (21) PCT/US97/18846
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
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(11.10.1996)

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60Q 1/00
- (54) BRAKE MONITORING SYSTEM
SYSTEME DE SURVEILLANCE DE FREINS
- (71) **INDIAN HEAD INDUSTRIES, INC.** [US/US]; 8530 Cliff Cameron Drive, Charlotte, NC 28269 (US).
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- (72, 75) **WEANT, Bob, R.** [US/US]; 1439-10 Dave Lyle Boulevard, Rock Hill, NC 29731 (US).
LESESKY, Alan, C. [US/US]; 5518 McCallum Court, Charlotte, NC 28226 (US).
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RINK, Richard [US/US]; 8530 Cliff Cameron Drive, Charlotte, NC 28269 (US).
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- (74) **CARLSON, John, E.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (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).
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- (11) **WO 98/16408** (13) A2
- (21) PCT/US97/16934
- (22) **18 Sep/sep 1997 (18.09.1997)**
- (25) en (26) en
- (31) 08/720,454 (32) **30 Sep/sep 1996 (30.09.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60R
- (54) GAS GENERATOR COMPOSITION
COMPOSITION D'UN GENERATEUR DE GAZ
- (71) **ATLANTIC RESEARCH CORPORATION** [US/US]; 5945 Wellington Road, Gainesville, VA 20155-1699 (US).
- (72) **WHEATLEY, Brian, K.**; 6309 Wayne Road, Marshall, VA 22079 (US).
- (74) **PRESTA, Frank, P.** et al. / etc.; Lowe Price LeBlanc & Becker, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (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).
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- (11) **WO 98/16409** (13) A1
- (21) PCT/GB97/02728
- (22) **6 Oct/oct 1997 (06.10.1997)**
- (25) en (26) en
- (31) 9621523.1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60R 11/02
- (54) VEHICLE LOUDSPEAKERS
HAUT-PARLEURS POUR VEHICULE
- (71) **NOISE CANCELLATION TECHNOLOGIES, INC.** [US/US]; 1025 West Nursery Road, Linthicum, MD 21090-1206 (US).
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- (72, 75) **DAVIS, Gillian, Margaret** [GB/GB]; 16 Audley Close, St. Ives, Huntingdon, Cambridgeshire PE17 4UJ (GB).
MCDONALD, Anthony, Malcolm [GB/GB]; 108 High Street, Earith, Cambridgeshire PE17 3PN (GB).
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STONE, Martin, James [GB/GB]; 4 Higson Avenue, Chorlton-cum-Hardy, Manchester M21 9FW (GB).
- (74) **TARGETT, Kenneth, Stanley**; Strathblane House, St. Andrew's Park, Horton Heath, Hampshire SO50 7DG (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 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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- (21) PCT/US97/17227
- (22) **25 Sep/sep 1997 (25.09.1997)**
- (25) en (26) en
- (31) 08/730,978 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60R 21/20
- (54) AIR BAG MODULE WITH DEPLOYMENT
FLAP
MODULE DE COUSSIN GONFLABLE AVEC
VOLET DE DEPLOIEMENT
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (72) **MANIRE, Gregory, B.**; 1203 Long Meadow Court, Oxford, MI 48371 (US).
- (74) **CRISS, Roger, H.**; AlliedSignal Inc, Law Dept. (C.A. McNally), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) BR 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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- Published / Publiée : (c)
- (11) **WO 98/16411** (13) A1
- (21) PCT/GB96/02517
- (22) **14 Oct/oct 1996 (14.10.1996)**
- (25) en (26) en
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60R 25/10
- (54) VEHICLE SECURITY SYSTEM
SYSTEME DE SECURITE POUR VEHICULES
- (71) **NYLOTECHNICS (PROPRIETARY) LIMITED** [ZA/ZA]; 16 Bellamont Road, Umdloti Beach, Kwazulu-Natal 4350 (ZA).
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- (71) **DYER, Alison, Margaret** [GB/ZA]; 10 Veldtuint Place, Morningside, Sandton 2057 (ZA).
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- (72, 75) **ROBJANT, Graham, Edgar** [ZA/ZA]; 159 Nicolson Road, Glenwood, Durban 4001 (ZA).
- (74) **KILLIN, Stephen, James** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (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; AP (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 98/16412** (13) A1
- (21) PCT/SE97/01714
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 9603826-0 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60R 25/10, H04Q 7/22
- (54) SMS-ALARM
ALARME UTILISANT LE SERVICE DE MESSAGES COURTS (SMS)
- (71) **TELIA AB** [SE/SE]; Märbackagatan 11, S-123 86 Farsta (SE).
- (72) **KARLSSON, Conny**; Skärmarbrinksvägen 6, S-121 35 Johanneshov (SE).
- (74) **MAYER, Till**; Telia Research AB, Rudsjötterrassen 2, S-136 80 Haninge (SE).
- (81) NO; 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 98/16413** (13) A1
- (21) PCT/DE97/01809
- (22) **22 Aug/Août 1997 (22.08.1997)**
- (25) de (26) de
- (31) 196 42 184.5 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60S 1/34, F16C 33/20
- (54) WINDSCREEN WIPER BEARING
PALIER D'ESSUIE-GLACE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **MUEHLFORTE, Kurt** [DE/DE]; Hohe-naustrasse 8, D-77815 Bühl (DE).
FLEISCHER, Claus [DE/DE]; Robert-Schumann-Strasse 2, D-77815 Bühl (DE).
- (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 98/16414** (13) A1
- (21) PCT/EP97/01583
- (22) **27 Mar/mar 1997 (27.03.1997)**

- (25) de (26) de
- (31) 196 42 344.9 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B60T 10/02, B60K 31/04
- (54) PROCESS FOR REGULATING THE STATES OF OPERATION OF A RETARDER IN A VEHICLE AND SYSTEM FOR CONTROLLING THE BRAKE SYSTEM OF A VEHICLE EQUIPPED WITH AT LEAST ONE RETARDER
PROCEDE DE REGLAGE DES ETATS DE FONCTIONNEMENT DU RALENTISSEUR D'UN VEHICULE ET SYSTEME DE COMMANDE DU SYSTEME DE FREINAGE D'UN VEHICULE EQUIPE D'AU MOINS UN RALENTISSEUR
- (71) **VOITH TURBO GMBH & CO. KG** [DE/DE]; Alexanderstrasse 2, D-89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRIEDRICH, Jürgen** [DE/DE]; Leonhard-Cullmann-Strasse 9, D-74564 Crailsheim (DE). **SALOMAO, Sérgio, Luiz, Jabur** [BR/BR]; Apartamento 44, Rua Diana, 531, CEP-05019-000 Perdizes, SP (BR). **PIRES, Rogério, Pedrozo** [BR/BR]; Apartamento 21, Rua Diogo Jacome, 764, CEP-04512-001 Moema, SP (BR). **SCHERER, Roland** [DE/DE]; Goldbacher Strasse 66/1, D-74564 Crailsheim (DE).
- (74) **WEITZEL, Wolfgang**; Friedenstrasse 10, D-89522 Heidenheim (DE).
- (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 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 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).
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- (11) **WO 98/16415** (13) A1
- (21) PCT/EP97/05630
- (22) **11 Oct/oct 1997 (11.10.1997)**
- (25) de (26) de
- (31) 196 42 678.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B61F 5/14
- (54) RAIL VEHICLE
VEHICULE FERROVIAIRE
- (71) **ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH** [DE/DE]; Saatwinkler Damm 43, D-13627 Berlin (DE).
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- (72, 75) **BIEKER, Guido** [DE/DE]; Ernestweg 7, D-67399 Kirchhunden (DE).
- (74) **RUPPRECHT, Klaus** et al. / etc.; ABB Patent GmbH, Postfach 10 03 51, D-68128 Mannheim (DE).
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- (11) **WO 98/16416** (13) A1
- (21) PCT/SE97/01697
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) sv (26) en
- (31) 9603729-6 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B62B 1/04
- (54) COMBINED TROLLEY AND SEAT
COMBINE CHARIOT - SIEGE
- (71) **OHLSSONS INNOVATIONSFABRIK** [SE/SE]; Floravägen 21 D, S-137 38 Västerhaninge (SE).
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- (72, 75) **OHLSSON, Åke** [SE/SE]; Floravägen 21 D, S-137 38 Västerhaninge (SE).
- (74) **STENSTRÖM, Jesper**; H. Albihns Patenbyrå AB, P.O. Box 3137, S-103 62 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16417** (13) A1
- (21) PCT/JP97/03755
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) ja (26) ja
- (31) 8/274355 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B62B 5/00, B60B 35/06
- (54) SUSPENSION DEVICE WITH CRANK TYPE AXLE
DISPOSITIF DE SUSPENSION COMPORTANT UN MOYEU DE TYPE MANIVELLE
- (71, 72) **KAKIMI, Tomio** [JP/JP]; 100, Oaza-Shimoyamada, Kohoku-cho, Higasia-zai-gun, Shiga 529-03 (JP).
- (74) **KUSUMOTO, Takayoshi**; Omi-Tetsudo Building 5F, 4-7, Awazu-cho, Otsu-shi, Shiga 520-08 (JP).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16418** (13) A1
- (21) PCT/SE97/01694
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) sv (26) en
- (31) 9603714-8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B62D 17/00
- (54) ANGLE SETTING DEVICE FOR VEHICLE WHEELS
DISPOSITIF DE REGLAGE D'ANGLE POUR ROUES DE VEHICULE
- (71) **NOVELTY INVENTIONS AB** [SE/SE]; P.O. Box 8804, S-402 71 Göteborg (SE).
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- (72, 75) **RÖNNBÄCK, Sture** [SE/SE]; P.O. Box 108, S-430 93 Hälsö (SE).
- (74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16419** (13) A1
- (21) PCT/AU97/00686
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) PO 3020 (32) **16 Oct/oct 1996 (16.10.1996)** (33) AU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B62D 55/14
- (54) LOAD SHARING WHEEL ASSEMBLY FOR TRACK LAYING VEHICLE
ENSEMBLE ROUES A PARTAGE DE LA CHARGE POUR VEHICULE A CHENILLES
- (71) **WARANE PTY. LTD. trading as WALTANNA TRACTORS** [AU/AU]; Glenelg Highway, Hamilton, VIC 3300 (AU).
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- (72, 75) **NAGORCKA, James, Arthur** [AU/AU]; Glenelg Highway, Hamilton, VIC 3300 (AU).
- (74) **SMEETON, Anthony, Richard**; Davies Collison 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16420** (13) A1
- (21) PCT/FI96/00539
- (22) **11 Oct/oct 1996 (11.10.1996)**
- (25) en (26) en
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ B63B 19/14
- (54) HATCH COVER PANEL FOR CARGO SHIP
COUVERCLE D'ECOUTILLE POUR NAVIRE DE CHARGE
- (71) **MACGREGOR (FIN) OY** [FI/FI]; Hallimestarinkatu 6, FIN-20780 Kaarina (FI).
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- (72, 75) **NISSINEN, Reino** [FI/FI]; Syyskesäntie 12, FIN-20780 Kaarina (FI). **NIINIRANTA, Pekka** [FI/FI]; Kingelininkatu 2D 68, FIN-20700 Turku (FI).
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(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 US UZ VN; AP (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 98/16421** (13) A1

(21) PCT/US97/19137

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/731,684 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B64C 1/20

(54) AIRCRAFT BASED SENSING, DETECTION, TARGETING, COMMUNICATIONS AND RESPONSE APPARATUS
DISPOSITIF DE LECTURE, DETECTION, CHOIX D'OBJECTIFS, COMMUNICATION ET REPOSE BASE SUR UN AERONEF

(63) US 08/731,684 (CON)
17 Oct/oct 1996 (17.10.1996)

(71) **BULLOCK, Roddy, M.** [US/US]; 1482 Greystone Lane, Milford, OH 45150 (US).
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(71, 72) **WOODLAND, Richard, L., K.** [CA/CA]; 581 Broadway Street, Victoria, British Columbia V8Z 2G3 (CA).

(74) **BULLOCK, Roddy, M.**; 1482 Greystone Lane, Milford, OH 45150 (US).

(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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16422** (13) A1

(21) PCT/AT96/00194

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) de (26) de

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B64C 39/00

(54) ROTATIONALLY SYMMETRICAL FLYING OBJECT
ENGIN VOLANT A SYMETRIE DE REVOLUTION

(71, 72) **PREINER, Ewald** [AT/AT]; Lienfeldergasse 98/13, A-1170 Wien (AT).

(81) 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).

(11) **WO 98/16423** (13) A1

(21) PCT/US97/18446

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,161 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/934,981 (32) **22 Sep/sep 1997 (22.09.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B64G 1/36

(54) REORIENTING SPACECRAFT USING INITIAL SINGLE AXIS ATTITUDE
REORIENTATION D'UN ENGIN SPATIAL A PARTIR DE SON ORIENTATION MONO-AXIALE INITIALE

(71) **SPACE SYSTEMS/LORAL, INC.** [US/US]; 3825 Fabian Way, Palo Alto, CA 94303 (US).

(72) **STOEN, Jeffrey, D.**; 2102 Princeton Street, Palo Alto, CA 94306 (US). **CHAN, Kam**; 1517 Jonesboro Court, San Jose, CA 95131 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16424** (13) A1

(21) PCT/US97/18893

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,594 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) Not furnished / non communiqué (32) **22 Sep/sep 1997 (22.09.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B64G 1/38

(54) AUTONOMOUS SOLAR TORQUE MANAGEMENT
GESTION D'UN COUPLE SOLAIRE AUTONOME

(71) **SPACE SYSTEMS/LORAL, INC.** [US/US]; 3825 Fabian Way, Palo Alto, CA 94303 (US).

(72) **PRICE, Xen**; 153 Hillside Avenue, Menlo Park, CA 94025 (US). **CHAN, Kam**; 1517 Jonesboro Court, San Jose, CA 95131 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16425** (13) A1

(21) PCT/US97/18340

(22) **16 Oct/oct 1997 (16.10.1997)**

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(31) 60/028,870 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) Not furnished / non communiqué (32) **22 Sep/sep 1997 (22.09.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B64G 1/66

(54) FEEDBACK MOTION COMPENSATION FOR SPACECRAFT PAYLOAD
COMPENSATION DE MOUVEMENT A RETROACTION DESTINEE A LA CHARGE UTILE D'UN ENGIN SPATIAL

(71) **SPACE SYSTEMS/LORAL, INC.** [US/US]; 3825 Fabian Way, Palo Alto, CA 94303 (US).

(72) **PRICE, Xen**; 153 Hillside Avenue, Menlo Park, CA 94025 (US). **CHAN, Kam**; 1517 Jonesboro Court, San Jose, CA 95131 (US). **STOEN, Jeff**; 2102 Princeton Street, Palo Alto, CA 94306 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(21) PCT/AU97/00687

(22) **14 Oct/oct 1997 (14.10.1997)**

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(31) PO 2972 (32) **14 Oct/oct 1996 (14.10.1996)** (33) AU

(31) PO 4099 (32) **6 Dec/déc 1996 (06.12.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 11/06

(54) VARIABLE PATH WRAPPING APPARATUS
APPAREIL D'EMBALLAGE A TRAJET VARIABLE

(71) **PACKAGING INTERNATIONAL PTY. LTD.** [AU/AU]; 329 Thomas Street, Dandenong, VIC 3175 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLEINE, Kenneth, David** [AU/AU]; Lot 11 Morningside-Flinders Road, Red Hill, VIC 3937 (AU).

(74) **ALLEN, Leon, K.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16427** (13) A1

(21) PCT/EP97/05620

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) 196 42 014.8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 11/32(54) DEVICE FOR PACKING SMALL ITEMS INTO FOLDED WRAPPERS
DISPOSITIF POUR EMBALLER DES ARTICLES DE PETITE TAILLE DANS DES ENVELOPPES PLIABLES(71) **PACTEC VERPACKUNGSMASCHINEN-FABRIK THEEGARTEN GMBH & CO. KG** [DE/DE]; Breitscheidstrasse 46, D-01237 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KMOCH, Werner** [DE/DE]; An den Kalköfen 8, D-01237 Dresden (DE). **GIRNDT, Wolfgang** [DE/DE]; Steile Strasse 4, D-01705 Freital (DE).(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, D-80538 München (DE).

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

(11) **WO 98/16428** (13) A1

(21) PCT/US96/16247

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 25/02, B65D 85/50(54) METHOD AND APPARATUS FOR PACKAGING AND PRESERVATION OF FRESH CUT FLOWERS, AS WELL AS THE PACKAGE ITSELF
PROCÉDE ET APPAREIL D'EMBALLAGE ET DE CONSERVATION DE FLEURS FRAÎCHES COUPÉES ET EMBALLAGE(71, 72) **QUIDING, Douglas, C.** [US/US]; P.O. Box 533, Custer, WA 98240-533 (US).(72) **McEACHERN, Dennis, H.**; 101 Terrytown Drive, Concord, NC 28025 (US).(74) **DOUGHERTY, Ralph, H.**; Ralph H. Dougherty, P.A., Suite 820, 1515 Mockingbird Lane, Charlotte, NC 28209 (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; AP (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 98/16429** (13) A1

(21) PCT/US96/16391

(22) **15 Oct/oct 1996 (15.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 31/00(54) DISPERSAL OF CREMATED REMAINS
DISPERSION DE CENDRES PROVENANT D'UNE CREMATION(71, 72) **WEST, Joan, B.** [US/US]; 8395 Yew Pine Court, Crystal River, FL 34428 (US). **WEST, Clyde, Eugene** [US/US]; 8395 Yew Pine Court, Crystal River, FL 34428 (US).(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., Crystal City Station, P.O. Box 15035, 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 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 (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 98/16430** (13) A1

(21) PCT/NZ97/00135

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 299559 (32) **11 Oct/oct 1996 (11.10.1996)** (33) NZ

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 51/10, 7/06(54) APPARATUS FOR CUTTING AND/OR WELDING FLEXIBLE PACKAGING
APPAREIL POUR COUPER ET/OU SOUDER UN EMBALLAGE FLEXIBLE(71, 72) **KENDALL, Brian, Andrew** [NZ/NZ]; 13A Prictor Street, Papakura, Auckland (NZ).(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).

(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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16431** (13) A1

(21) PCT/SE97/01574

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) sv (26) en

(31) 9603782-5 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65B 55/06(54) A METHOD OF STERILIZING CONTAINERS BASED ON FIBER
PROCÉDE SERVANT A STÉRILISER DES RECIPIENTS A BASE DE FIBRES(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) **LAGERSTEDT, Jan** [SE/SE]; Fyrspanngatan 16, S-216 21 Malmö (SE).(74) **PETRI, Stellan** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 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 HU ID IL IS JP KE KG KP KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16432** (13) A1

(21) PCT/US97/17766

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 08/735,447 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65C 9/00(54) APPARATUS FOR ATTACHING LITERATURE TO ARTICLES
DISPOSITIF POUR PLACER DE LA DOCUMENTATION SUR DES ARTICLES(71) **KRONES, INC.** [US/US]; 9600 South 58 Street, Franklin, WI 53132-0100 (US).(72) **SCHIESSL, Hans, G.**; Hengen Drive, Dousman, WI 53153 (US).(74) **HOHENFELDT, Ralph, G.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (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 98/16433** (13) A2

(21) PCT/US97/17089

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/724,117 (32) **30 Sep/sep 1996 (30.09.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D(54) REMOTE CONTAINER SAMPLING DEVICE
DISPOSITIF D'ÉCHANTILLONNAGE A DISTANCE DE RECEPTACLES(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Los Alamos National Laboratory, LCP/BPL, MS D412, P.O. Box 1663, Los Alamos, NM 87545 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **VOLZ, David, L.** [US/US]; 59 La Paloma, Los Alamos, NM 87544 (US).(74) **WILDENSTEIN, Kevin, Lynn** et al. / etc.; Rodey, Dickason, Sloan, Akin & Robb, P.A., P.O. Box 1888, Albuquerque, NM 87103-1888 (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 UZ VN YU ZW; AP (GH 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).

(11) **WO 98/16434** (13) A1

(21) PCT/FR97/01829

(22) 13 Oct/oct 1997 (13.10.1997)

(25) fr (26) fr

(31) 96/12428 (32) 11 Oct/oct 1996 (11.10.1996) (33) FR

(31) 96/13856 (32) 13 Nov/nov 1996 (13.11.1996) (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 5/50

(54) PACKAGE, METHOD AND DEVICE FOR PACKAGING A BATCH OF ARTICLES OF UNDETERMINED VOLUME
 EMBALLAGE, PROCEDE ET DISPOSITIF POUR LE CONDITIONNEMENT DE LOTS D'ARTICLES DE VOLUME INDETERMINE

(71) OTOR [FR/FR]; 70, boulevard de Courcelles, F-75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BACQUES, Jean-Yves [FR/FR]; 53, boulevard Saint-Germain, F-75005 Paris (FR).
 COALLIER, Guy [FR/FR]; Courcerault, F-61340 Noce (FR).
 SERRE, Jean-Claude [FR/FR]; 8, rue André Malraux, F-21000 Dijon (FR).

(74) BENECH, Frédéric et al. / etc.; 69, avenue Victor Hugo, F-75783 Paris Cedex 16 (FR).

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

Published / Publiée : (c)

(11) WO 98/16435 (13) A1

(21) PCT/US97/17806

(22) 3 Oct/oct 1997 (03.10.1997)

(25) en (26) en

(31) 08/729,864 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 8/12

(54) HOT FILL CONTAINERS WITH IMPROVED TOP LOAD CAPABILITIES
 RECIPIENTS POUR REMPLISSAGE A CHAUD, AVEC MEILLEURES CAPACITES DE CHARGEMENT PAR LE HAUT

(71) SCHMALBACH-LUBECA AG [DE/DE]; Kaiserswerther Strasse 115, D-40880 Ratingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAYDOSH, Kevin, D. [US/US]; 3340 Bent Oak Highway, Adrian, MI 49221 (US).
 STEIH, Richard, J. [US/US]; 1355 W. Wellsville Highway, Britton, MI 49229 (US).
 LANE, Michael, T. [US/US]; 556 Timberlane, Brooklyn, MI 49230 (US).

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

(81) AU BR MX US.

(11) WO 98/16436 (13) A1

(21) PCT/AU97/00694

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) P0 2971 (32) 15 Oct/oct 1996 (15.10.1996) (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 41/34, 55/02, 55/12

(54) TAMPER EVIDENT CLOSURE

FERMETURE INDICATRICE D'EFFRACTION

(71) G.V. ENGINEERING PTY. LTD. [AU/AU]; 13 Bellona Avenue, Regents Park, NSW 2143 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERTER, Michael [AU/AU]; 6 22nd Avenue, West Hoxton, NSW 2171 (AU).

(74) BLENKINSHIP, Julian, Robert, Anthony; 79 Warrimoo Avenue, St. Ives, NSW 2075 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(21) PCT/US96/16403

(22) 15 Oct/oct 1996 (15.10.1996)

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 47/06, 25/40

(54) A PACKAGE AND A SUDSING PRODUCT COMBINATION
 EMBALLAGE ET COMBINAISON DE PRODUIT LESSIVIEL MOUSSANT

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

(72) FUKUSHIMA, Kimiko; 2-1-19, Koganedai, Ton-dabayashi-shi, Osaka 584 (JP).
 TANÉKO, Akiko; 8-14-1, Shinryodai, Tarumi-ku, Kobe 655 (JP).

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

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

(11) WO 98/16438 (13) A1

(21) PCT/US97/13730

(22) 5 Aug/Août 1997 (05.08.1997)

(25) en (26) en

(31) PCT/US96/16403 (32) 15 Oct/oct 1996 (15.10.1996) (33) WO

(34) AL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 47/06

(54) HAND-HELD CONTAINER FOR PREDISSOLVING DETERGENT COMPOSITION
 RECEPTACLE PORTATIF POUR LA PREDISSOLUTION D'UNE COMPOSITION DETERGENTE

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

(72) FUKUSHIMA, Kimiko; 2-1-19 Koganedai, Ton-dabayashi-shi, Osaka 584 (JP).
 NANNO, Yukio; 5-531-722 Koyo-cho, Naka 5-chome, Higashinada-ku, Kobe 658 (JP).
 TANÉKO, Akiko; 8-14-1 Shinryoudai, Tarumi-ku, Kobe 655 (JP).

(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 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 98/16439 (13) A1

(21) PCT/US97/17944

(22) 6 Oct/oct 1997 (06.10.1997)

(25) en (26) en

(31) 08/732,824 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 47/34, B05B 11/00

(54) DISPENSING PUMP LOCK
 DISPOSITIF DE VERROUILLAGE POUR POMPE DISTRIBUTRICE

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

(72) BARTSCH, Eric, Richard; Apartment 32, 51 Towne Commons, Cincinnati, OH 45215 (US).
 D'AMELIO, Michael, Joseph; 8902B Harperpoint Drive, Cincinnati, OH 45249 (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 NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/US97/17687

(22) 30 Sep/sep 1997 (30.09.1997)

(25) en (26) en

(31) 8/291162 (32) 14 Oct/oct 1996 (14.10.1996) (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65D 55/06, 63/10, 85/20, B21F 9/02

(54) TAG PIN ASSEMBLY
 ENSEMBLE EPINGLE POUR ETIQUETTES

(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) 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 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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 (21) PCT/US97/18215
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/728,728 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65D 73/00, 5/36, 5/46, 5/48
 (54) ARTICLE CARRIER AND BLANK THEREFOR ELEMENT PORTE-ARTICLES ET DECOUPE DE CELUI-CI
 (71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
 (72) **BAKX, Martinus, C., M.;** Patijnweg 74, NL-4416 LS Goes (NL).
 (74) **BOSHINSKI, Thomas, A.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).
 (81) AU BR BY CA CN CZ EE HU IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/16442** (13) A1
 (21) PCT/SE97/01086
 (22) **18 Jun/juin 1997 (18.06.1997)**
 (25) sv (26) en
 (31) 9603743-7 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65D 81/00, A23L 3/36
 (54) DEVICE AND METHOD FOR PROTECTION OF FROZEN FOODSTUFF DISPOSITIF ET PROCEDE DE PROTECTION DE DENREES ALIMENTAIRES CONGELEES
 (71, 72) **WIKSTRÖM, Tommy** [SE/SE]; Rattgatan 202, S-462 55 Vänersborg (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) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LK LR 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) 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 98/16443** (13) A1
 (21) PCT/NL97/00555
 (22) **6 Oct/oct 1997 (06.10.1997)**
 (25) en (26) en
 (31) 1004287 (32) **16 Oct/oct 1996 (16.10.1996)** (33) NL
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65D 81/24

- (54) METHOD AND DEVICE FOR PACKAGING PRODUCTS WHICH ARE SENSITIVE TO ATMOSPHERIC CONDITIONS PROCEDE ET DISPOSITIF D'EMBALLAGE DE PRODUITS SENSIBLES AUX CONDITIONS ATMOSPHERIQUES
 (71, 72) **ROBERT, André, Michel** [NL/NL]; Scarlet Ducstraat 3, NL-1619 VM Andijk (NL).
 (74) **KLAVERS, Cornelis, Wilhelmus, Alphonsus, Maria;** Markerkant 1201.02, 1314 AJ Almere-Stad (NL).
 (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16444** (13) A1
 (21) PCT/US97/18388
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 08/732,975 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65D 85/57
 (54) BOOKLET-TYPE CASE FOR COMPACT DISK RECORD BOITIER DE TYPE LIVRET POUR DISQUE COMPACT
 (71, 72) **BOSWORTH, John** [US/US]; 601 North Broadway, Upper Nyack, NY 10960 (US).
 (74) **LEHMANN, H., Gibner** et al. / etc.; 5 Kent Road, Easton, CT 06612-1848 (US).
 (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 LK 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 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).

- (11) **WO 98/16445** (13) A1
 (21) PCT/US97/17449
 (22) **30 Sep/sep 1997 (30.09.1997)**
 (25) en (26) en
 (31) 08/730,323 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65D 88/12, 88/02
 (54) FREIGHT CONTAINER, SYSTEM, AND METHOD FOR SHIPPING FREIGHT CONTENEUR DE MARCHANDISES, SYSTEME ET PROCEDE POUR EXPEDIER LA MARCHANDISE
 (71) **FEDERAL EXPRESS CORPORATION** [US/US]; 2005 Corporate Avenue, Memphis, TN 38132 (US).
 (72) **McADAMS, Allen, C.;** 117 West Viking Drive, Cordova, TN 38018 (US). **BULLION, Bruce, Thomas, III;** 3415 Clarke Road, Memphis, TN 38115 (US). **CUMMINGS, William, G.;** 7107 Oak Chase Lane, Memphis, TN 38125 (US). **IDELL, James, Harold;** 6640 Kirby Trace Cove, Memphis, TN 38119 (US). **ATKINS, Barry, J.;** 5524 Chesterfield Cove, Bartlett, TN 38134 (US). **YERGER, Mark, D.;** 622 Winlawn Drive, Collierville, TN 38017 (US).
 (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner L., L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN (Utility model / modèle d'utilité) CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LR LR LS LT LU LV 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 98/16446** (13) A1
 (21) PCT/CH96/00359
 (22) **11 Oct/oct 1996 (11.10.1996)**
 (25) de (26) de
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65F 1/16, 1/14
 (54) CONTAINER FOR POLLUTED AND/OR CONTAMINATED MATERIALS CONTENEUR POUR MATERIAUX POLLUES ET/OU CONTAMINES
 (71) **CWS INTERNATIONAL AG** [CH/CH]; Oberneuhofstrasse 5, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **STUDER, Hans-Jörg** [CH/CH]; Hurdstrasse 5, CH-8335 Hittnau (CH).
 (74) **PPS POLYVALENT PATENT SERVICE AG;** Waldritstrasse 21, CH-8954 Geroldswil (CH).
 (81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (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 98/16447** (13) A1
 (21) PCT/CA97/00757
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 2,187,856 (32) **15 Oct/oct 1996 (15.10.1996)** (33) CA
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ B65F 3/02
 (54) GARBAGE OR RECYCLABLE MATERIALS HANDLING SYSTEM SYSTEME POUR LA MANUTENTION D'ORDURES MENAGERES OU DE MATIERES RECYCLABLES
 (71) **HAUL-ALL EQUIPMENT LTD.** [CA/CA]; 4115 - 18th Avenue North, Lethbridge, Alberta T1H 5G1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NEUFELDT, Dennis** [CA/CA]; Haul-All Equipment Ltd., 4115 - 18th Avenue North, Lethbridge, Alberta T1H 5G1 (CA). **HANN, Simon** [CA/CA]; Haul-All Equipment Ltd., 4115 - 18th Avenue North, Lethbridge, Alberta T1H 5G1 (CA). **LLOYD, Darren** [CA/CA]; Haul-All Equipment Ltd., 4115 - 18th Avenue North, Lethbridge, Alberta T1H 5G1 (CA).
 (74) **ROSS, John, W.** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY 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).

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(11) **WO 98/16448** (13) A1
(21) PCT/SE97/01725
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) sv (26) en
(31) 9603778-3 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65G 17/38, 17/20
(54) ARRANGEMENT IN OVERHEAD CONVEYOR
AGENCEMENT DANS UN DISPOSITIF
D'ACHEMINEMENT AERIEN
(71) **S. BERENDSEN AB** [SE/SE]; P.O. Box 60029,
S-216 10 Malmö (SE).
*(for all designated States except / pour tous les États
désignés sauf US)*
(72, 75) **GEDDA, Martin** [SE/SE]; Sandgårdsgatan
30, S-502 31 Borås (SE). **ERIKSSON, Joakim**
[SE/SE]; PI 8517, S-505 91 Borås (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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW 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 98/16449** (13) A1
(21) PCT/US97/18320
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/730,579 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65G 47/24
(54) ARTICLE HANDLING DEVICE, COMBINA-
TION AND METHODS
DISPOSITIF DE MAINTIEN D'ARTICLE, COM-
BINAISON ET PROCEDES
(71) **HOPPMAN CORPORATION** [US/US];
14560 Lee Road, P.O. Box 601, Chantilly,
VA 22021-0601 (US).
(72) **SCHMITT, Werner, H.**; 6385 Lake View Drive,
Falls Church, VA 22041 (US).
(74) **BIRCH, Anthony, L.** et al. / etc.; Birch, Stewart,
Kolasch & Birch, LLP, P.O. Box 747, Falls Church,
VA 22040-0747 (US).
(81) DE ES GB; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

(11) **WO 98/16450** (13) A1
(21) PCT/US97/18366
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/732,017 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65G 47/96, 47/38
(54) SORTING SYSTEM
SYSTEME DE TRI
(71) **UNITED PARCEL SERVICE OF AMERICA,
INC.** [US/US]; 55 Glenlake Parkway, N.E., At-
lanta, GA 30328 (US).
(72) **BONNET, Henri**; 290 Crosstree Lane, Atlanta, GA
30328 (US).
(74) **LINDENFELDAR, Russell, G.** et al. / etc.; Suite
3600, 1600 Market Street, Philadelphia, PA 19103
(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 98/16451** (13) A1
(21) PCT/US97/17598
(22) **30 Sep/sep 1997 (30.09.1997)**
(25) en (26) en
(31) 08/729,348 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65G 65/23
(54) PIVOTAL MAIL TRAY UNLOADER
DISPOSITIF PIVOTANT POUR DECHARGER
LES BACS A COURRIER
(71) **BELL & HOWELL POSTAL SYSTEMS INC.**
[US/US]; 6802 N. McCormick Boulevard, Lincoln-
wood, IL 60645 (US).
(72) **KALIKA, Joseph**; 8803 Grand, Niles, IL 60714
(US). **FILICICCHIA, David**; 532 Stone Gate
Circle, Schaumburg, IL 60193 (US). **JURMA,
Stelian**; 403 W. Hackberry, Arlington Heights,
IL 60004 (US). **RABINDRAN, George**; 8900
Marmora, Morton Grove, IL 60053 (US). **EASO,
Mathai, P.**; 720 Kenmare Drive, Des Plaines, IL
60016 (US).
(74) **ROCKMAN, Howard, B.** et al. / etc.; Sonnen-
schein Nath & Rosenthal, 8000 Sears Tower, 233
S. Wacker Drive, Chicago, IL 60606 (US).
(81) AU BR CA CN JP KR NO; EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16452** (13) A1
(21) PCT/DE97/02279
(22) **4 Oct/oct 1997 (04.10.1997)**
(25) de (26) de
(31) 196 42 118.7 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65H 29/04
(54) DEVICE FOR CONVEYING FOLDED SIGNA-
TURES
DISPOSITIF POUR TRANSPORTER DES SI-
GNATURES PLIEES

(71) **KOENIG & BAUER-ALBERT AG** [DE/DE];
Friedrich-Koenig-Strasse 4, D-97080 Würzburg
(DE).
*(for all designated States except / pour tous les États
désignés sauf US)*
(72, 75) **RATZ, Holger** [DE/DE]; Mozartstrasse 14,
D-67227 Frankenthal (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 98/16453** (13) A2
(21) PCT/DE97/02280
(22) **4 Oct/oct 1997 (04.10.1997)**
(25) de (26) de
(31) 196 42 117.9 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65H 29/04
(54) CLAMPING CLAW FOR AN ENDLESS CON-
VEYER
PINCE DE SERRAGE POUR CONVOYEUR
SANS FIN
(71) **KOENIG & BAUER-ALBERT AG** [DE/DE];
Friedrich-Koenig-Strasse 4, D-97080 Würzburg
(DE).
*(for all designated States except / pour tous les États
désignés sauf US)*
(72, 75) **RATZ, Holger** [DE/DE]; Mozartstrasse 14,
D-67227 Frankenthal (DE).
(81) BR CN JP RU US; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16454** (13) A1
(21) PCT/DE97/02301
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) de (26) de
(31) 196 42 126.8 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ B65H 29/04, B65G 47/64
(54) CONVEYOR
CONVOYEUR
(71) **KOENIG & BAUER-ALBERT AG** [DE/DE];
Friedrich-Koenig-Strasse 4, D-97080 Würzburg
(DE).
*(for all designated States except / pour tous les États
désignés sauf US)*
(72, 75) **RATZ, Holger** [DE/DE]; Mozartstrasse 14,
D-67227 Frankenthal (DE). **STÄB, Rudolf**
[DE/DE]; Hans-Balcke-Strasse 29, D-67227
Frankenthal (DE).
(81) 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 98/16455** (13) A1
(21) PCT/DE97/02278
(22) **4 Oct/oct 1997 (04.10.1997)**
(25) de (26) de
(31) 196 42 130.6 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65H 29/40, 29/04(54) DEVICE FOR TRANSFERRING PRINTED PRODUCTS
DISPOSITIF POUR TRANSFERER DES PRODUITS IMPRIMES(71) **KOENIG & BAUER-ALBERT AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **RATZ, Holger** [DE/DE]; Mozartstrasse 14, D-67227 Frankenthal (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 98/16456** (13) A1

(21) PCT/DE97/02302

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 196 42 185.3 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65H 29/40(54) DEVICE FOR GUIDING PRINTED PRODUCTS
DISPOSITIF DE GUIDAGE D'IMPRIMES(71) **KOENIG & BAUER-ALBERT AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **RATZ, Holger** [DE/DE]; Mozartstrasse 14, D-67227 Frankenthal (DE). **STÄB, Rudolf** [DE/DE]; Hans-Balcke-Strasse 29, D-67227 Frankenthal (DE).

(81) 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 98/16457** (13) A1

(21) PCT/EP97/05465

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 196 42 137.3 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65H 54/28(54) WINDING-UP MACHINE FOR CONTINUOUSLY ARRIVING THREADS
MACHINE DE BOBINAGE POUR FIL ARRIVANT EN CONTINU(71) **BARMAG AG** [DE/DE]; Leverkuser Strasse 65, D-42897 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SPÄHLINGER, Jörg** [DE/DE]; Unterweg 13, D-42929 Wermelskirchen (DE).(74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D-40474 Düsseldorf (DE).

(81) CN KR 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 98/16458** (13) A1

(21) PCT/EP97/05538

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 196 42 115.2 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B65H 54/28(54) SPOOLING MACHINE
BOBINEUSE(71) **BARMAG AG** [DE/DE]; Leverkuser Strasse 65, D-42897 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SCHIPPERS, Heinz** [DE/DE]; Semmelweisstrasse 14, D-42897 Remscheid (DE). **HEINEMANN, Wolfgang** [DE/DE]; Friedrichstrasse 10, D-42897 Remscheid (DE). **THIEL, Arno** [DE/DE]; Arnzhäuschen 69, D-42929 Wermelskirchen (DE).(74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D-40474 Düsseldorf (DE).

(81) CN KR 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 98/16459** (13) A1

(21) PCT/AU97/00693

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) PO 2968 (32) **15 Oct/oct 1996 (15.10.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B67D 5/30, 5/54, 5/10, B65D 5/14, B67C 3/20(54) LIQUOR DISPENSING APPARATUS
APPAREIL DISTRIBUTEUR POUR ALCOOLS FORTS(71) **PHILMAE PTY. LTD.** [AU/AU]; 3 Britannia Way, Craigie, W.A. 6025 (AU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **GUTTERIDGE, Lancelot, Phillip** [AU/AU]; 3 Britannia Way, Craigie, W.A. 6025 (AU).(74) **VAN WOLLINGEN, Rolf**; Griffith Hack, 6th floor, 256 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16460** (13) A1

(21) PCT/US97/18491

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/729,949 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B67D 5/60(54) SWITCH CONNECTOR
CONNECTEUR DE COMMUTATION(71) **THE COCA-COLA COMPANY** [US/US]; One Coca-Cola Plaza, N.W., Atlanta, GA 30313 (US).(72) **HAWKINS, John, T.**; 635 Sunshine Meadow, Adkins, TX 78101 (US). **CHAVANA, Ernest, Matthew, Jr.**; 8142 Pemberton, San Antonio, TX 78250 (US). **RILEY, Michael, J.**; 10605 Wren Ridge Road, Alpharetta, GA 30202 (US).(74) **BOSTON, Thomas, R.**; The Coca-Cola Company, One Coca-Cola Plaza, N.W., Atlanta, GA 30313 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16461** (13) A1

(21) PCT/US97/18757

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/733,027 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US(31) 08/733,001 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ B68G 7/00(54) FABRIC ARTICLE AND METHOD OF MANUFACTURE
ARTICLE TEXTILE ET PROCEDE DE FABRICATION(71, 72) **YATES, Paul, M.** [US/US]; 5814 Briar Tree Drive, LaCanada, CA 91011 (US).(74) **HACKLER, Walter, A.**; Suite B, 2372 S.E. Bristol, Newport Beach, CA 92660 (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 98/16462** (13) A1

(21) PCT/CA97/00750

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/729,148 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 11/02, C01D 5/16, C01B 17/90(54) TREATMENT OF CHLORINE DIOXIDE GENERATOR EFFLUENT AND FEED STREAMS WITH FIXED-RESIN BED
TRAITEMENT DES EFFLUENTS ET DES COURANTS D'ENTREE D'UN GENERATEUR DE DIOXYDE DE CHLORE A L'AIDE D'UN LIT DE RESINE FIXE(63) US 08/729,148 (CON)
11 Oct/oct 1996 (11.10.1996)

(71) **PULP AND PAPER RESEARCH INSTITUTE OF CANADA** [CA/CA]; 570 Boulevard Saint-Jean, Pointe-Claire, Quebec H9R 3J9 (CA). **ECO-TEC LIMITED** [CA/CA]; 1145 Squires Beach Road, Pickering, Ontario L1W 3T9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALEOLOGOU, Michael** [CA/CA]; Apartment 1403, 14255 Gouin Boulevard, Pierrefonds, Quebec H8Z 3C2 (CA). **THOMPSON, Rokhsareh** [CA/CA]; 127 Bathurst Avenue, Pointe Claire, Quebec H9S 5A2 (CA). **BROWN, Craig, J.** [CA/CA]; 1446 Highbush Trail, Pickering, Ontario L1V 1N5 (CA). **SHEEDY, Michael** [CA/CA]; 121 Shawnee Circle, North York, Ontario M2H 2X9 (CA).

(74) **MURPHY, Kevin, P.** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16463** (13) A1

(21) PCT/EP97/05659

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) de (26) de

(31) 196 42 770.3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 15/029

(54) PROCESS FOR THE MANUFACTURE OF HYDROGEN PEROXIDE
PROCEDE DE PRODUCTION DE PEROXYDE D'HYDROGENE

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

(72, 75) **FISCHER, Martin** [DE/DE]; Elbinger Weg 1, D-67071 Ludwigshafen (DE). **KAIBEL, Gerd** [DE/DE]; Robert-Bosch-Strasse 4, D-68623 Lampertheim (DE). **STAMMER, Achim** [DE/DE]; Buttstädter Strasse 6, D-67251 Freinsheim (DE). **FLICK, Klemens** [DE/DE]; Am Bildstöckel 16, D-76863 Herxheim (DE). **QUAISER, Stefan** [DE/DE]; Chenover Strasse 11, D-67117 Limburgerhof (DE). **HARDER, Wolfgang** [DE/DE]; Bergwaldstrasse 16, D-69469 Weinheim (DE). **MASSONNE, Klemens** [DE/DE]; Beethovensstrasse 1, D-67368 Westheim (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstrasse 4, D-81679 München (DE).

(81) AL AM AU AZ BG BR BY CA CN CZ GE HU IL JP KG KR KZ LC LV MD MX NO NZ PL RO RU SG SI SK TJ TM 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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(11) **WO 98/16464** (13) A1

(21) PCT/EP97/05380

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) de (26) de

(31) 196 42 328.7 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 17/88

(54) METHOD FOR UPGRADING USED SULFURIC ACIDS
PROCEDE DE RECONCENTRATION D'ACIDES SULFURIQUES USES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKHAUS, Heiko** [DE/DE]; Auf dem Herberg 7, D-51381 Leverkusen (DE). **MÜNNIG, Jürgen** [DE/DE]; Dortmunderstrasse 27, D-41564 Kaarst (DE). **LORENZ, Wolfgang** [DE/DE]; Siegestrasse 17, D-41540 Dormagen (DE). **SCHUMACHER, Karl** [DE/DE]; Am Heidkamp 76, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16465** (13) A2

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(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 96120230/25 (32) **11 Oct/oct 1996 (11.10.1996)** (33) RU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 31/02, C04B 35/52

(54) A SUPERHARD CARBON MATERIAL, A METHOD FOR ITS PRODUCTION, AND ARTICLES MADE THEREFROM
MATERIAU CARBONE SUPER DUR, SON PROCEDE DE PRODUCTION ET ARTICLES CONSTITUES DUDIT MATERIAU

(71, 72) **BLANK, Vladimir Davidovich** [RU/RU]; Apartment 116, 10 Solnechnaya Street, Troitsk, Moscow, 142092 (RU). **BUGA, Sergei Gennadievich** [RU/RU]; Apartment 55, pr. Oktybrskiy, 17, Troitsk, Moscow, 142092 (RU).

(72, 75) **DUBITSKY, Gennady Aleksandrovich** [RU/RU]; Apartment 69, 10 Centralnaya Street, Troitsk, Moscow, 142092 (RU). **SEREBRYANAYA, Nadejda Ruvimovna** [RU/RU]; Apartment 98, pr. Vernadskogo, 38a, Moscow, 117454 (RU). **POPOV, Mikhail Yurievich** [RU/RU]; Apartment 126, 10 Pionerskaya Street, Troitsk, Moscow, 142092 (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16466** (13) A1

(21) PCT/JP96/02965

(22) **14 Oct/oct 1996 (14.10.1996)**

(25) ja (26) ja

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 33/02, 33/037, C30B 28/06, 29/06, H01L 31/04

(54) PROCESS AND APPARATUS FOR PREPARING POLYCRYSTALLINE SILICON AND PROCESS FOR PREPARING SILICON SUBSTRATE FOR SOLAR CELL
PROCEDE ET APPAREIL DE PREPARATION DE SILICIUM POLYCRISTALLIN ET PROCEDE DE PREPARATION D'UN SUBSTRAT EN SILICIUM POUR CELLULE SOLAIRE

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachi-dori 1-chome, Chuo-ku, Kobe-shi, Hyogo-ken 651 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARATANI, Fukuo** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **KATO, Yoshiie** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **SAKAGUCHI, Yasuhiko** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **YUGE, Noriyoshi** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **BABA, Hiroyuki** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **NAKAMURA, Naomichi** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP). **HANAZAWA, Kazuhiro** [JP/JP]; Technical Research Laboratories of Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260 (JP).

(74) **KOSUGI, Yoshio** et al. / etc.; Pelican Building, 4th floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105 (JP).

(81) BR 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 98/16467** (13) A1

(21) PCT/JP97/03719

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) ja (26) ja

(31) 8/273221 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(31) 9/215289 (32) **8 Aug/Août 1997 (08.08.1997)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C01B 33/12, B01J 20/02, 35/10, G01N 30/48, C04B 38/00, 41/85

(54) POROUS INORGANIC COMPOSITE AND METHOD FOR SEPARATING METAL ELEMENTS USING THE SAME
COMPOSITE MINERAL POREUX ET PROCEDE DE SEPARATION D'ELEMENTS METALLIQUES A L'AIDE DE CELUI-CI

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKEDA, Kunihiko** [JP/JP]; 5-5-27-905, Kitashinagawa, Shinagawa-ku, Tokyo 141 (JP). **OKUYAMA, Kazuo** [JP/JP]; 41-29, Sengendai, Nishi-ku, Yokohama-shi, Kanagawa 220 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (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 98/16468** (13) A1
 (21) PCT/US97/18943
 (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) en (26) en
 (31) 60/028,717 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C01B 39/02, 39/04, C10G 35/095, C07C 4/06, 5/27, 6/12, 2/66, 5/41, 1/20
 (54) HYDROCARBON CONVERSION USING LARGE CRYSTAL ZEOLITE CATALYST CONVERSION D'HYDROCARBURES A L'AIDE D'UN CATALYSEUR ZEOLITE A GROS CRISTAUX
 (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
 (72) **SMITH, Robert, S.**; 1018 Buoy, Houston, TX 77062 (US). **VERDULJN, Johannes, P.**; Vlieguit 28, B-3061 Leefdaal (BE).
 (74) **SHERER, Edward, F.**; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16469** (13) A1
 (21) PCT/US97/18948
 (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) en (26) en
 (31) 60/028,830 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C01B 39/40
 (54) SYNTHESIS OF LARGE CRYSTAL ZEOLITES SYNTHÈSE DE ZEOLITES A GROS CRISTAUX
 (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
 (72) **SMITH, Robert, S.**; 1018 Buoy, Houston, TX 77062 (US). **VERDULJN, Johannes, P.**; Vlieguit 28, B-3061 Leefdaal (BE). **COLLE, Thomas, H.**; 2319 Sycamore Grove, Houston, TX 77062 (US). **MOHR, Gary, D.**; 2018 Caravel Drive, League City, TX 77573 (US). **BURGFELS, Gotz**; Lenbachplatz 6, D-80333 München (DE). **SCHONLINNER, Josef**; Lenbachplatz 6, D-80333 München (DE).
 (74) **SHERER, Edward, F.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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).

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- (11) **WO 98/16470** (13) A1
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 (25) ja (26) ja
 (31) 8/295658 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C01F 7/00, C01G 9/00, C08L 27/06, C08K 3/10
 (54) NOVEL COMPOSITE METAL HYDROXIDE SALTS, STABILIZER FOR HALOGENORESINS, AND HALOGENORESIN COMPOSITION NOUVEAUX SELS D'HYDROXYDES DE METAUX COMPOSITES, STABILISANT POUR RESINES HALOGENEES, ET COMPOSITION A BASE DE RESINE HALOGENEE
 (71) **FUJI CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-03 (JP).
 (72) **75 KOIZUMI, Kenichi** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-03 (JP). **ISI-ZAKA, Yutaka** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-03 (JP).
 (74) **TANAKA, Masahiro**; 607, Lions Mansion Hatchobori 2, 21-3, Hatchobori 3-chome, Chuo-ku, Tokyo 104 (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 98/16471** (13) A1
 (21) PCT/FI97/00627
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) fi (26) en
 (31) 964130 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FI
 (31) 964247 (32) **22 Oct/oct 1996 (22.10.1996)** (33) FI
 (31) 973633 (32) **8 Sep/sep 1997 (08.09.1997)** (33) FI
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C01F 11/18, C09C 1/02
 (54) PRECIPITATED CALCIUM CARBONATE AND METHOD FOR THE PRODUCTION THEREOF CARBONATE DE CALCIUM PRECIPITE ET SON PROCEDE DE PRODUCTION
 (71) **KAUTAR OY** [FI/FI]; T-linja 38 A, FIN-37800 Toijala (FI).
 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16472** (13) A1
 (21) PCT/IB97/01253
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/729,933 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (31) 08/730,136 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (31) 08/730,554 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C01G 25/00, 25/02, B01J 23/10, C01B 13/14
 (54) CERIUM AND ZIRCONIUM OXIDES, MIXED OXIDES AND SOLID SOLUTIONS HAVING IMPROVED THERMAL STABILITY FOR CATALYSIS OF EXHAUST GAS SYSTEMS AND METHODS OF PRODUCING OXIDES DE CERIUM ET DE ZIRCONIUM, OXIDES MELANGES ET SOLUTIONS SOLIDES PRESENTANT UNE STABILITE THERMIQUE AMELIOREE DESTINES A DES CATALYSEURS DE SYSTEMES DE GAZ D'ECHAPPEMENT ET LEURS PROCEDES DE PRODUCTION
 (71) **RHONE-POULENC INC.** [US/US]; Prospect Plains Road, Cranbury, NJ 08512-7500 (US).
 (72) **CUIF, Jean, Pierre**; 42 Markham Road, Princeton, NJ 08540 (US).
 (74) **SHEDDEN, John, A.** et al. / etc.; Rhone-Poulenc Inc., Prospect Plains Road, Cranbury, NJ 08512-7500 (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 98/16473** (13) A2
 (21) PCT/US97/18781
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 60/028,142 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (31) 08/790,281 (32) **28 Jan/jan 1997 (28.01.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C02F
 (54) OZONE TREATMENT SYSTEM FOR POINT OF USE PURIFICATION OF WATER AND SANITIZING AGENT FOR SURFACES, ARTICLES AND FOODS SYSTEME D'OZONISATION DESTINE A LA PURIFICATION D'EAU SUR LE LIEU D'UTILISATION ET AGENT D'ASSAINISSEMENT POUR SURFACES, ARTICLES ET ALIMENTS
 (71, 72) **LONG, Ron** [US/US]; 122 Scott River Road, Fort Jones, CA 96032 (US).
 (74) **LATKER, Norman, J.**; Browdy and Neimark, P.L.L.C., Suite 300, 419 Seventh Street, N.W., Washington, DC 20004 (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 98/16474** (13) A1

(21) PCT/FR97/01855

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) fr (26) fr

(31) 96/12614 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FR

(31) 97/07315 (32) **13 Jun/juin 1997 (13.06.1997)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 1/14

(54) SOLAR STILLs FOR PRODUCING FRESH WATER
ALAMBICS SOLAIRES DE PRODUCTION D'EAU DOUCE

(71, 72) **DOMEN, Jean-Paul** [FR/FR]; La Roche, F-72210 Souligne-Flace (FR).

(74) **POCHART, François** et al. / etc.; Cabinet Hirsch-Desrousseaux-Pochart, 34, rue de Bassano, F-75008 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(25) en (26) en

(31) 08/732,545 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 1/20

(54) USE OF TARTRONIC ACID AS AN OXYGEN SCAVENGER
UTILISATION D'ACIDE TARTRONIQUE COMME ACCEPTEUR D'OXYGENE

(71) **NALCO CHEMICAL COMPANY** [US/US]; One Nalco Center, Naperville, IL 60563-1198 (US).

(72) **BIZOT, Paul, M.**; 6578 Kirkwood Court, Lisle, IL 60532 (US). **BAILEY, Bruce, R.**; 0S845 Spring Green Way, Batavia, IL 60510 (US). **HICKS, Peter, D.**; 323 S. East Avenue, Oak Park, IL 60302 (US).

(74) **KEEFER, Timothy, J.**; Ladass & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (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; 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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(25) da (26) en

(31) 1123/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 1/28, 1/58, 1/62

(54) PROCESS FOR THE REMOVAL OF DISSOLVED METALS AND/OR METALLOIDS FROM AN AQUEOUS MEDIUM CONTAINING SAME AND HAVING A HIGH CONTENT OF SALT
PROCEDE POUR EXTRAIRE DES METAUX ET/OU DES METALLOIDES DISSOUS D'UN MILIEU AQUEUX CONTENANT CES METAUX ET/OU METALLOIDES ET AYANT UNE FORTE TENEUR EN SEL

(71) **KRÜGER A/S** [DK/DK]; Gladsaxevej 363, DK-2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTENSEN, Terkel, Christian** [DK/DK]; Himmelev Bygade 31, DK-4000 Roskilde (DK). **NIELSEN, Peter, Borch** [DK/DK]; Gedevevej 24, DK-3520 Farum (DK).

(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(31) 2508/96 (32) **15 Oct/oct 1996 (15.10.1996)** (33) CH

(31) 1816/97 (32) **29 Jul/juil 1997 (29.07.1997)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 1/46

(54) METHOD TO REDUCE OR PREVENT SCALING
PROCEDE POUR REDUIRE OU EMPECHER L'ENTARTRAGE

(71, 72) **WEISSENBACHER, Andreas** [AT/AT]; Walter-Simmer-Strasse 4, A-5310 Mondsee (AT).

(72, 75) **JOHANN, Jürgen** [DE/DE]; Hauptstrasse 150, D-69226 Nussloch (DE). **OBERHAUSER, Ernst** [AT/AT]; Salzachsdlung 11, A-5440 Golling (AT). **IRAUSCHEK, Helmut** [AT/AT]; Helpfau 73, A-5261 Uttendorf (AT).

(74) **ZIMMERMANN, H.**; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36-38, Postfach 160, CH-4003 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16478** (13) A1

(21) PCT/FR97/01805

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) fr (26) fr

(31) 96/12668 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 1/465, 1/463

(54) METHOD AND DEVICE FOR TREATING AQUEOUS FLUID INDUSTRIAL SEWAGE
PRODEDE ET DISPOSITIF DE TRAITEMENT DES FLUIDES AQUEUX D'USINAGE USES

(71, 72) **MINGHI, Oswald** [FR/FR]; 14, impasse des Pensées, F-30133 Les Angles (FR).

(74) **HAMMOND, William**; Cabinet Courtassol & Associés, 1, avenue Liserb, F-06000 Nice (FR).

(81) AL AM 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 LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG UZ VN; 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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(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/730,514 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/730,653 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C02F 3/00

(54) WASTE TREATMENT SYSTEM EMPLOYING OPEN-CELL FOAM
SYSTEME DE TRAITEMENT DES DECHETS EMPLOYANT UNE MOUSSE A ALVEOLES OUVERTS

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US). **THE STATE OF OREGON acting by and through THE STATE BOARD OF HIGHER EDUCATION on behalf of OREGON STATE UNIVERSITY** [US/US]; Corvallis, OR 97331-2140 (US).
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(72, 75) **SUH, Kyung, W.** [US/US]; 6204 Evergreen Court, Midland, MI 48640 (US). **MINER, E., Ronald** [US/US]; 915 N. West Elizabeth Drive, Corvallis, OR 97330 (US).

(74) **DEAN, J., Robert, Jr.**; Patent Dpt., 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16480** (13) A1
 (21) PCT/PL97/00025
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) P.316595 (32) **17 Oct/oct 1996 (17.10.1996)** (33) PL
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C02F 3/30
 (54) BIOLOGICAL PHOSPHORUS REMOVAL FROM WASTE WATERS
 ELIMINATION BIOLOGIQUE DE MATIERES PHOSPHOREES DES EAUX USEES
 (71) **REJONOWE PRZEDSIĘBIORSTWO WODOCIĄGÓW I KANALIZACJI** [PL/PL]; ul. Obr. Westerplatte 130, PL-40-334 Katowice (PL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KOWAL, Tadeusz** [PL/PL]; ul. Fliegera 12/1, PL-40-053 Katowice (PL).
 (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 98/16481** (13) A1
 (21) PCT/RU96/00295
 (22) **11 Oct/oct 1996 (11.10.1996)**
 (25) ru (26) ru
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C03C 1/02
 (54) RAW CONCENTRATE FOR THE PRODUCTION OF GLASS OR CERAMIC. METHOD FOR PREPARING SAID CONCENTRATE AND METHOD FOR PRODUCING GLASS SHEETS
 CONCENTRE DE MATIERES PREMIERES DESTINE A LA PRODUCTION DE VERRE OU DE CERAMIQUE. PROCEDE DE PRODUCTION DE CE CONCENTRE ET PROCEDE DE PRODUCTION DE VERRE EN FEUILLES
 (71) **ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "SILIKOLL"** [RU/RU]; Dolgorukovskaya ul., 27, stroenie 1-2, Moscow, 101421 (RU).
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 (72, 75) **MOLCHANOV, Vladimir Nikolaevich** [RU/RU]; ul. Vatutina, 14-30, Kursk, 305000 (RU). **ZARUBKIN, Alexandr Evgenievich** [RU/RU]; Skobelevskaya ul., 12-4, Moscow, 113042 (RU). **ZAVYALOV, Alexandr Vasilievich** [RU/RU]; ul. K.Marxa, 3, Kursk, 305000 (RU). **CHVANOV, Alexandr Dmitrievich** [RU/RU]; ul. Krasnogo Mayaka, 18-1-21, Moscow, 113570 (RU). **GRABOVENKO, Vadim Mikhailovich** [RU/RU]; ul. Lva Tolstogo, 14, Kursk, 305000 (RU). **KOSTAREV, Vasily Alexandrovich** [RU/RU]; ul. Stantsionnaya, 11, Kursk, 305000 (RU).
 (74) **SOJUZIPATENT**; ul. Iliinka, 5/2, Moscow, 103735 (RU).

(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 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UG US UZ VN; AP (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 98/16482** (13) A1

- (21) PCT/JP97/03609
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) ja (26) ja
 (31) 8/273617 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C03C 13/02
 (54) GLASS FIBER OF LOW PERMITTIVITY
 FIBRE DE VERRE A FAIBLE PERMITTIVITE
 (71) **NITTO BOSEKI CO., LTD.** [JP/JP]; 1, Aza Higashi, Gonome, Fukushima-shi, Fukushima-ken 960 (JP). **NITTO GLASS FIBER MFG. CO., LTD.** [JP/JP]; 1, Aza Shiojima, Fukuhara, Fukuyama-machi, Kooriyama-shi, Fukushima-ken 963 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TAMURA, Shinichi** [JP/JP]; 9-41, Aza Nishi, Kamata, Fukushima-shi, Fukushima-ken 960-01 (JP). **MORI, Masahiro** [JP/JP]; 12, Aza Higashi, Gonome, Fukushima-shi, Fukushima-ken 960 (JP).
 (74) **NAKAMURA, Shizuo**; ST Building, 3rd floor, 24-10, Taito 2-chome, Taito-ku, Tokyo 110 (JP).

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

(11) **WO 98/16483** (13) A1

- (21) PCT/NZ97/00138
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 299596 (32) **16 Oct/oct 1996 (16.10.1996)** (33) NZ
 (31) 328130 (32) **19 Jun/juin 1997 (19.06.1997)** (33) NZ
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C04B 14/22, 18/14, 20/00, 31/10, 31/02
 (54) COMPOSITIONS FOR USE IN CONCRETE AND CONCRETE PRODUCTS OBTAINED THEREFROM
 COMPOSITIONS POUR BETON ET PRODUITS EN BETON FABRIQUES A PARTIR DE TELLES COMPOSITIONS
 (71) **LEED, Natalie, Lynette, Tira** [NZ/NZ]; 32 Parsons Street, St. John Hill, Wanganui (NZ).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) **LEED, Cliff, James** [NZ/NZ]; 32 Parsons Street, St. John Hill, Wanganui (NZ).
 (74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).

(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 ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16484** (13) A1

- (21) PCT/FR97/01831
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) fr (26) fr
 (31) 96402184.4 (32) **14 Oct/oct 1996 (14.10.1996)** (33) EP
 (34) FR et al. / etc.
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C04B 35/80, 41/87, F16D 69/02
 (54) FRICTION ELEMENT IN COMPOSITE CARBON/CARBON-SILICON CARBIDE MATERIAL AND METHOD FOR MANUFACTURING SAME
 ELEMENT DE FRICTION EN MATERIAU COMPOSITE CARBONE/CARBONE-CARBURE DE SILICIUM ET PROCEDE POUR SA FABRICATION
 (71) **SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION, SOCIETE ANONYME** [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DOMERGUE, Jean-Marc** [FR/FR]; 24, rue de Cheverny, F-33600 Pessac (FR). **GEORGES, Jean-Michel** [FR/FR]; 96, rue de Linas, F-33290 Blanquefort (FR). **LAXAGUE, Michel** [FR/FR]; 1, allée Dieudonné Costes, F-33200 Bordeaux (FR).
 (74) **JOLY, Jean-Jacques** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

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

(11) **WO 98/16485** (13) A1

- (21) PCT/US97/08332
 (22) **2 May/mai 1997 (02.05.1997)**
 (25) en (26) en
 (31) 60/028,540 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C06B 23/00, 25/34
 (54) EXPLOSIVE FORMULATIONS
 FORMULATIONS INFLAMMABLES
 (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
 (72) **DAWSON, Ralph, Edward**; 277 Camby Drive, Kingsport, TN 37664 (US).
 (74) **MARTIN, Charles, R.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) AU CA IL JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16486** (13) A1

(21) PCT/GB97/02553

(22) **19 Sep/sep 1997 (19.09.1997)**

(25) en (26) en

(31) 9621222.0 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07B 37/04, C07C 253/30, 305/06, 25/18

(54) PROCESS FOR THE PREPARATION OF SUBSTITUTED AROMATIC COMPOUNDS
PROCEDE POUR LA PREPARATION DE COMPOSES AROMATIQUES SUBSTITUES

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).

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

(72, 75) **MONTEITH, Michael, John** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) **REVELL, Christopher**; Intellectual Property Group, Zeneca Specialties, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB) 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 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 98/16487** (13) A1

(21) PCT/US97/18442

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 60/028,698 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(31) 08/950,819 (32) **15 Oct/oct 1997 (15.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07B 55/00, C07C 51/58, 53/00, 55/00, 61/04

(54) IS TO IR EPIMERIZATIONS OF PYRETHROID INTERMEDIATES
EPIMERISATION IS A IR
D'INTERMEDIAIRES DE LA PYRETHROIDE

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

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

(72, 75) **MONTGOMERY, Ronald, E.** [US/US]; 297 Cinnabar Lane, Yardley, PA 19067 (US).
SMELTZ, Lelend [US/US]; 2909 Village Road, Langhorne, PA 19047 (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 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 98/16488** (13) A1

(21) PCT/US97/18961

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/733,057 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 5/22, 5/27

(54) N-OLEFIN SKELETAL ISOMERIZATION PROCESS
PROCEDE D'ISOMERISATION DE TYPE A SQUELETTE CARBONE DE N-OLEFINES

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **CHOI, Byung, Chang**; 1933 Lark Lane, Cherry Hill, NJ 08003 (US). **KLOCKE, Donald, Joseph**; 209 Roberts Drive, Gloucester Township, NJ 08083 (US). **LISSY, Daria, Nowakiwska**; 404 South Ivy Lane, Glen Mills, PA 19342 (US). **MARLER, David, Owen**; 801 Cooper Street #272B, Deptford, NJ 08096 (US).

(74) **ROBERTS, Peter, W.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (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 98/16489** (13) A1

(21) PCT/US97/18050

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/730,093 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 7/152

(54) UNSATURATED HYDROCARBON SEPARATION AND RECOVERY PROCESS
PROCEDE DE SEPARATION ET DE RECUPERATION D'HYDROCARBURES INSATURES

(71) **AMOCO CORPORATION** [US/US]; Law Dept., 200 E. Randolph Drive, Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(72) **KWASNIEWSKI, Vincent, J.**; 1949 Sunnyside Circle, Northbrook, IL 60062 (US). **CALAMUR, Narasimhan**; 61 Portwine Road, Willowbrook, IL 60514 (US). **KAMINSKY, Mark, P.**; OS 344 Summit Drive, Winfield, IL 60190 (US). **MAHONEY, John, A.**; 816 Lenox Road, Glen Ellyn, IL 60137 (US). **SCOUTEN, Charles, G.**; 29W528 Forestview Drive, Warrenville, IL 60555-2101 (US). **WILSAK, Richard, A.**; 432S Sleight Street, Naperville, IL 60540 (US).

(74) **KRETCHMER, Richard, A.**; Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (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).

(11) **WO 98/16490** (13) A1

(21) PCT/US97/18051

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/732,514 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 7/152

(54) UNSATURATED HYDROCARBON SEPARATION AND RECOVERY PROCESS
PROCESSUS DE SEPARATION ET DE RECUPERATION D'HYDROCARBURES INSATURES

(71) **AMOCO CORPORATION** [US/US]; Law Dept., 200 E. Randolph Drive, M/C 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(72) **WILSON, Robert, B., Jr.**; 1216 Harriet Street, Palo Alto, CA 94301 (US). **MEYER, Karen**; 2552 Madison Road 31, Cincinnati, OH 45208 (US). **ASARO, Marianna, F.**; 1121 Lassen Drive, Belmont, CA 94002 (US).

(74) **KRETCHMER, Richard, A.**; Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (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 98/16491** (13) A1

(21) PCT/US96/16656

(22) **17 Oct/oct 1996 (17.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 29/70, 31/30

(54) IMPROVED METHOD OF PREPARATION OF LITHIUM TERTIARY-BUTOXIDE
PROCEDE DE PREPARATION AMELIORE DE BUTOXYDE TERTIAIRE DE LITHIUM

(63) US 08/437,268 (CON)
8 May/mai 1995 (08.05.1995)

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

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

(72, 75) **MORRISON, Robert, C.** [US/US]; 1536 Stabview Drive, Gastonia, NC 28056 (US). **KAMIENSKI, Conrad, W.** [US/US]; 516 Eastwood Drive, Gastonia, NC 28054 (US). **SCHWINDEMAN, James, A.** [US/US]; 2582 Wallace Acres Lane, Lincolnton, NC 28092 (US).

(74) **LINKER, Raymond, O., Jr.** et al. / etc.; Bell, Seltzer, Park & Gibson, P.O. Drawer 34009, Charlotte, NC 28234 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 (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 98/16492** (13) A1
(21) PCT/US97/17909
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) en (26) en
(31) 08/730,206 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 45/33, C01B 17/04, 17/16
(54) CO-OXIDATION OF H₂S AND SATURATED HYDROCARBONS
CO-OXYDATION DE H₂S ET D'HYDROCARBURES SATURES
- (71, 72) **BARTON, Derek, H., R.** [US/US]; Texas A & M University, Dept. of Chemistry, College Station, TX 77843-3255 (US).
- (74) **KOKULIS, Paul, N.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Suto, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/16493** (13) A1
(21) PCT/FR97/01828
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) fr (26) fr
(31) 96/12479 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 65/05, 51/255, 47/565, 45/38
(54) METHOD FOR SELECTIVE PREPARATION OF A 2-HYDROXYBENZOIC ACID AND A 4-HYDROXYBENZALDEHYDE AND DERIVATIVES
PROCEDE DE PREPARATION SELECTIVE D'UN ACIDE 2-HYDROXYBENZOIQUE ET D'UN 4-HYDROXYBENZALDEHYDE ET DERIVES
- (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) **METIVIER, Pascal** [FR/FR]; 29, allée des Frênes, F-69110 Sainte Foy les Lyon (FR). **MA-LIVERNEY, Christian** [FR/FR]; 34, rue Rachais, F-69007 Lyon (FR). **DENIS, Philippe** [FR/FR]; 16, rue des Troènes, F-69150 Décines (FR).
- (74) **DUTRUC-ROSSET, Marie-Claude**; 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 GH 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 RO RU SD 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 98/16494** (13) A1
(21) PCT/EP97/05765
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 96202874.2 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP
(34) GB et al. / etc.
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 67/04, 69/01
(54) A PROCESS FOR THE PREPARATION OF VINYLESTERS
PROCEDE DE PREPARATION DE VINYLESTERS
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **KELISPER, Johannes, Jacobus**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **LANGE, Jean-Paul**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **MURRAY, Brendan, Dermot**; 1118 Stonyhill Drive, Houston, TX 77077 (US).
- (81) CA CN ID 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 98/16495** (13) A1
(21) PCT/JP97/03682
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) ja (26) ja
(31) 8/272682 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 69/34, 69/593, 69/612, 67/03
(54) PROCESSES FOR THE PREPARATION OF DICARBOXYLIC ACID MONOESTERS
PROCESSUS DE PREPARATION DE MONOESTERS D'ACIDE DICARBOXYLIQUE
- (71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 3-19, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKANO, Kunihiko** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-06 (JP). **FUJII, Junji** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-06 (JP). **IKEMOTO, Tetsuya** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-06 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) CN 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 98/16496** (13) A1
(21) PCT/US97/17910
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/028,599 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 233/90, 233/91
(54) PROCESS FOR PREPARATION OF UNSYMMETRICAL ACYCLIC IMIDE BLEACH ACTIVATORS
PROCEDE POUR PREPARER DES ACTIVATEURS DE BLANCHIMENT A BASE D'IMIDES ACYCLIQUES ASYMETRIQUES
- (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) **GIBSON, Michael, Steven** [US/US]; 9301 Swigert Road, Loveland, OH 45140 (US). **BACK, Deborah, Jean** [US/US]; 7189 State Route 128, Cleves, OH 45002 (US). **FORMYDUVAL, Terry, Franklin** [US/US]; 8119 Fields-Ertel Road, Cincinnati, OH 45249 (US). **GUSTWILLER, Marc, Eric** [US/US]; Apartment 1-C, 203 Ramblewood Drive, Fairfield, OH 45014 (US). **KELLY, Ephraim, Lamar** [US/US]; 1738 U.S. Route 50, Batavia, OH 45103 (US). **MILLER, Larry, Eugene** [US/US]; 6919 Stonewood Court, Cincinnati, OH 45241 (US). **MIRACLE, Gregory, Scot** [US/US]; 3065 Old Oxford Road, Hamilton, OH 45013 (US). **SHUMATE, Robert, Edward** [US/US]; 9631 Wildbrook Lane, Cincinnati, OH 45231 (US). **SCHEIBEL, Jeffrey, John** [US/US]; 10400 Buxton Lane, Cincinnati, OH 45242 (US). **KOTT, Kevin, Lee** [US/US]; 2920 Bentbrook 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) 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 LR LS LT LU LV MD MG MK MN MW 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 98/16497** (13) A1
(21) PCT/JP97/03603
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) ja (26) ja
(31) 8/269547 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07C 235/34, 235/36, 235/38, C07D 213/40, 213/76, 295/12, A61K 31/16, 31/245, 31/44, 31/495
(54) NOVEL DIAMIDE COMPOUNDS AND DRUGS CONTAINING THE SAME
NOUVEAUX COMPOSES DE DIAMIDE ET MEDICAMENTS LES CONTENANT
- (71) **KOWA CO., LTD.** [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHIWATA, Hiroyuki** [JP/JP]; 8-3, Sugano 1-chome, Ichikawa-shi, Chiba 272 (JP). **KABEYA, Mototsugu** [JP/JP]; 17-43-208, Noguchicho 2-chome, Higashimurayama-shi, Tokyo 189 (JP). **SHIRATSUCHI, Masami** [JP/JP]; 43-2, Zambori 4-chome, Musashimurayama-shi, Tokyo 208 (JP). **HATTORI, Yukio** [JP/JP]; 32-17, Kamiya 5-chome, Ushiku-shi, Ibaraki 300-12 (JP). **NAKAO, Hiroshi** [JP/JP]; 1-13-1102, Fujisaki 1-chome, Tsuchiura-shi, Ibaraki 300 (JP). **NAGOYA, Takao** [JP/JP]; 1300-12, Naka, Tsuchiura-shi, Ibaraki 300 (JP). **SATO, Seiichi** [JP/JP]; 4-1-202, Kamioji 4-chome, Seginami-ku, Tokyo 167 (JP). **ODÁ, Soichi** [JP/JP]; 17-43, Noguchicho 2-chome, Higashimurayama-shi, Tokyo 189 (JP). **SUDA, Makoto** [JP/JP]; 2-29-404, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305 (JP). **SHIBASAKI, Manabu** [JP/JP]; 17-1, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305 (JP).

- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3-6, Nihonbashingingyocho 1-chome, Chuo-ku, Tokyo 103 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16498** (13) A1

(21) PCT/JP97/03638

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) ja (26) ja

(31) 8/270860 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 235/66, 231/02, C07D 249/08, 263/56, 271/10, 285/12, 521/00, C09B 33/048, C09D 7/12, 11/00

(54) BIS(AMINOCARBONYLNAPHTHOL) DERIVATIVE DERIVE D'OXIME, DERIVES D'HYDRAZONE, ET LEUR UTILISATION

(71) **KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO** [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 (JP). **KITAYAMA, Masaya** [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665 (JP). **MINAMI, Kenji** [JP/JP]; 3-15-2, Onosato, Sennan-shi, Osaka 590-05 (JP). **WAKAMORI, Hiroyuki** [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-31 (JP). **TANIGAWA, Katsumori** [JP/JP]; 7-18, Takatsuka-cho, Nishinomiya-shi, Hyogo 662 (JP). **TANIGAWA, Mariko** [JP/JP]; 7-14, Takatsuka-cho, Nishinomiya-shi, Hyogo 662 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 98/16499** (13) A1

(21) PCT/JP97/03585

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) ja (26) ja

(31) 8/272154 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 251/36, 251/74, 259/06, 327/40, C07D 207/12, 211/42, 211/58, 261/02, 265/30, 279/12, 295/18, A01N 37/18, 43/36, 43/40, 43/60, 43/62, 43/74, 43/84, A61K 31/16, 31/40, 31/42, 31/445, 31/495, 31/535, 31/54, 31/55

(54) OXIME DERIVATIVES, HYDRAZONE DERIVATIVES, AND USE THEREOF DERIVES D'OXIME, DERIVES D'HYDRAZONE, ET LEUR UTILISATION

(71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASUI, Moriyasu** [JP/JP]; 1-21-3, Oukadai, Yokkaichi-shi, Mie 510-12 (JP). **TANIMOTO, Norihiko** [JP/JP]; 4-214, Suzurandai-Nishi, Nabari-shi, Mie 518-04 (JP). **NISHIDA, Kuniyoshi** [JP/JP]; 468, Shinjyou, Minakuchi-cho, Koka-gun, Shiga 528 (JP).

(74) **YAMAUCHI, Hideaki**; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16500** (13) A1

(21) PCT/EP97/05431

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 42 530.1 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 251/52, A01N 37/50

(54) HALOGENALKOXIMINOACETAMIDE HALOGENALKOXIMINOACETAMIDE

(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 10 b, D-40764 Langenfeld (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D-70595 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 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; 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 98/16501** (13) A1

(21) PCT/US97/17226

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 08/729,213 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 253/30, 255/41, C07D 295/18

(54) PROCESS FOR THE PRODUCTION OF CYANOCINNAMAMIDES PROCEDE DE PRODUCTION DE CYANOCINNAMAMIDES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **QIAN, Zhenrong**; Apartment T-30, 44 Center Grove Road, Randolph, NJ 07869 (US). **SU, Heng**; 514 Appleton Way, Whippany, NJ 07981 (US). **MATHEW, Chempollil, Thomas**; 19 Opemaki Road, Randolph, NJ 07869 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (C.A. McNally), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BB BG BR CA CN CU CZ EE GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16502** (13) A1

(21) PCT/US97/18514

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 60/028,322 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 271/22, 233/47, 233/51, 311/19, C07D 333/24

(54) ASPARTATE ESTER INHIBITORS OF INTERLEUKIN-1 β CONVERTING ENZYME INHIBITEURS A BASE D'ESTER D'ASPARTATE DE L'ENZYME DE CONVERSION DE L'INTERLEUKINE-1 β

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBRECHT, Hans, P.** [DE/DE]; Am Wetzelberg 59, D-69517 Gornheimertal (DE). **ALLEN, Hamish, John** [GB/US]; 47 Eastern Point Drive, Shrewsbury, MA 01545 (US). **BRADY, Kenneth, Dale** [US/US]; 32 Ivernia Road, Worcester, MA 01606 (US). **CAPRATHE, Bradley, William** [US/US]; 31480 Myrna, Livonia, MI 48154 (US). **GILMORE, John, Lodge** [US/US]; Apartment 178C, 3695 Greenbrier Boulevard, Ann Arbor, MI 48105 (US). **HARTER, William, Glen** [US/US]; 3750 Shagbark, Chelsea, MI 48118 (US). **HAYS, Sheryl, Jeanne** [US/US]; 2729 Aspen Road, Ann Arbor, MI 48108 (US). **KOSTLAN, Catherine, Rose** [US/US]; 9876 Moon Road, Saline, MI 48176 (US). **LUNNEY, Elizabeth, Ann** [US/US]; 619 Ridgewood Court, Ann Arbor, MI 48103 (US). **PARA, Kimberly, Suzanne** [US/US]; 2735 Dexter Avenue, Ann Arbor, MI 48103 (US). **THOMAS, Anthony, Jerome** [US/US]; 2909 Brockman, Ann Arbor, MI 48104 (US). **WALKER, Nigel** [GB/DE]; Frauenpfad 20, D-69221 Dossenheim (DE).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN 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 SL TR TT UA 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).

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(11) **WO 98/16503** (13) A2

(21) PCT/US97/18280

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/732,631 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 311/00

(54) THE PREPARATION AND USE OF ORTHO-SULFONAMIDO ARYL HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASE AND TACE INHIBITORS
PREPARATION D'ACIDES ORTHO-SULFONAMIDO-ARYL HYDROXAMIQUES ET LEUR UTILISATION COMME METALLOPROTEINASES MATRICIELLES OU INHIBITEURS DE TACE

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940-0974 (US).

(72) **LEVIN, Jeremy, Ian**; 190 Treetop Circle, Nanuet, NY 10954 (US). **DU, Mila, T.**; 17 Heather Hill Lane, Suffern, NY 10901 (US). **VENKATESAN, Aranapakam, Mudumbai**; 97-07 63rd Road #9K, Rego Park, NY 11374 (US). **NELSON, Frances, Christy**; 694 Terrace Heights, Wyckoff, NJ 07481 (US). **ZASK, Arie**; Apartment 9D, 200 Central Park S., New York, NY 10019 (US). **GU, Yansong**; 82 North Magnolia Avenue, Pearl River, NY 10965 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, 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 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); EP (AT BE CH DE DK ES FI FR 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 98/16504** (13) A2

(21) PCT/US97/18406

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 60/028,323 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 311/00

(54) SULFONAMIDE SUBSTITUTED ASPARTIC ACID INTERLEUKIN-1 β CONVERTING ENZYME INHIBITORS
INHIBITEURS DE L'ENZYME DE CONVERSION DE L'INTERLEUKINE 1 β A BASE D'ACIDE ASPARTIQUE A SUBSTITUTION SULFONAMIDE

(71) **WARNER-LAMBERT COMPANY** [-/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLEN, Hamish, John** [GB/US]; 47 Eastern Point Drive, Shrewsbury, MA 01545 (US). **BRADY, Kenneth, Dale** [US/US]; 32 Ivernia Road, Worcester, MA 01606 (US). **HARTER, William, Glen** [US/US]; 3750 Shagbark, Chelsea, MI 48118 (US). **LUNNEY, Elizabeth, Ann** [US/US]; 619 Ridgewood Court, Ann Arbor, MI 48103 (US). **PLUMMER, Mark, Stephen** [US/US]; 8100 Huron River Drive, Dexter, MI 48130 (US). **SAWYER, Tomi** [US/US]; 5753 E. Silo Ridge, Ann Arbor, MI 48108 (US). **SHAH-RIPOUR, Aurash** [US/US]; Apartment 193, 2765 Windwood Drive, Ann Arbor, MI 48105 (US). **WALKER, Nigel** [GB/DE]; Frauenpfad 20, D-69221 Dossenheim (DE).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16505** (13) A1

(21) PCT/US97/18396

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 60/028,313 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 311/13, 311/24, 311/06, 311/10, C07K 5/062, 5/072, C07D 217/24, A61K 31/18

(54) SULFONAMIDE INTERLEUKIN-1 β CONVERTING ENZYME INHIBITORS
INHIBITEURS DE L'ENZYME DE CONVERSION DE L'INTERLEUKINE 1 β A BASE DE SULFONAMIDE

(71) **WARNER-LAMBERT COMPANY** [-/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBRECHT, Hans, P.** [DE/DE]; Am Wetzelsberg 59, D-69517 Gornheimertal (DE). **ALLEN, Hamish, John** [GB/US]; 47 Eastern Point Drive, Shrewsbury, MA 01545 (US). **BRADY, Kenneth, Dale** [US/US]; 32 Ivernia Road, Worcester, MA 01606 (US). **HARTER, William, Glen** [US/US]; 3750 Shagbark, Chelsea, MI 48118 (US). **KOST-LAN, Catherine, Rose** [US/US]; 9876 Moon Road, Saline, MI 48176 (US). **ROTH, Bruce, David** [US/US]; 49255 Hunt Club Court, Plymouth, MI 48170 (US). **WALKER, Nigel** [GB/DE]; Frauenpfad 20, D-69221 Dossenheim (DE).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(22) **8 Oct/oct 1997 (08.10.1997)**

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(31) 08/729,359 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07C 311/20, A61K 31/215

(54) BETA-SULFONAMIDO HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASE AND TACE INHIBITORS
ACIDES BETA-SULFONAMIDO HYDROXAMIQUES UTILISES COMME INHIBITEURS DE METALLOPROTEINASES MATRICIELLES ET DE TACE

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940-0974 (US).

(72) **LEVIN, Jeremy, Ian**; 190 Treetop Circle, Nanuet, NY 10954 (US). **ZASK, Arie**; 200 Central Park South, New York, NY 10019 (US). **GU, Yansong**; 82 North Magnolia Avenue, Pearl River, NY 10965 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, 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 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); EP (AT BE CH DE DK ES FI FR 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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(31) 196 42 319.8 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE(31) 196 42 320.1 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE(31) 196 42 322.8 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE(31) 196 42 323.6 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D

(54) NEW HETEROCYCLYMETHYL-SUBSTITUTED PYRAZOL DERIVATES
NOUVEAUX DERIVES DE PYRAZOL HETEROCYCLYMETHYLE-SUBSTITUES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAUB, Alexander** [DE/DE]; Moospfad 30, D-42113 Wuppertal (DE). **ROBYR, Chantal** [CH/DE]; Bismarckstrasse 23, D-45470 Mülheim (DE). **NIEWÖHNER, Ulrich** [DE/DE]; Gartenstrasse 3, D-42929 Wermelskirchen (DE). **JAETSCH, Thomas** [DE/DE]; Eintrachtstrasse 105, D-50668 Köln (DE). **FEURER, Achim** [DE/DE]; Schlinghofener Strasse 36, D-51519 Odenthal (DE). **KAST, Raimund** [DE/DE]; Badische Strasse 7, D-42389 Wuppertal (DE). **STIASCH, Johannes-Peter** [DE/DE]; Alfred-Nobel-Strasse 109, D-42651 Solingen (DE). **PERZBORN, Elisabeth** [DE/DE]; Am Tescher Busch 13, D-42327 Wuppertal (DE). **HÜTTER, Joachim** [DE/DE]; Teschensudberger Strasse 13, D-42349 Wuppertal (DE). **DEMBOWSKY, Klaus** [DE/DE]; Bismarckstrasse 85, D-42115 Wuppertal (DE). **ARLT, Dieter** [DE/DE]; Papenhauser Strasse 10, D-32657 Lemgo (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16508** (13) A2

(21) PCT/US97/17940

(22) 1 Oct/oct 1997 (01.10.1997)

(25) en (26) en

(31) 60/027,246 (32) 2 Oct/oct 1996 (02.10.1996) (33) US

(31) 60/029,984 (32) 4 Nov/nov 1996 (04.11.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D(54) SYNTHESIS OF AROMATIC COMPOUNDS BY DIELS-ALDER REACTION ON SOLID SUPPORT
SYNTHÈSE DE COMPOSES AROMATIQUES AU MOYEN DE LA REACTION DIELS-ALDER SUR SUPPORT SOLIDE

(71) TRUSTEES OF BOSTON UNIVERSITY [US/US]; Boston University, Office of the Trustees, 147 Bay State Road, Boston, MA 02215 (US).

(72) PANEK, James, S.; 5 Hillside Avenue, Randolph, MA 02368 (US). ZHU, Bin; 48 Pratt Street, Allston, MA 02134 (US).

(74) DeCONTI, Giulio, A., Jr. 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16509 (13) A1

(21) PCT/JP97/03655

(22) 13 Oct/oct 1997 (13.10.1997)

(25) ja (26) ja

(31) 8/289340 (32) 11 Oct/oct 1996 (11.10.1996) (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 207/16 // A61K 31/40(54) SIMPLE PROCESS FOR PRODUCING HIGH-QUALITY CAPTOPRIL
PROCEDE SIMPLIFIE POUR PRODUIRE DU CAPTOTRIL DE QUALITE SUPERIEURE(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINOSHITA, Koichi [JP/JP]; 1-13-2-405, Nishihata, Takasago-shi, Hyogo 676 (JP). KANO, Fumihiko [JP/JP]; Roiyarukopo Kuriyamacho 1004, 53, Kuriyamacho, Himeji-shi, Hyogo 670 (JP). OKUBO, Takahiro [JP/JP]; 6-31-17, Shioyacho, Tarumi-ku, Kobe-shi, Hyogo 673 (JP). UEDA, Yasuyoshi [JP/JP]; 140-15, Waku, Aboshi-ku, Himeji-shi, Hyogo 671-12 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Recruit Shin Osaka Building 4F, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).

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

(11) WO 98/16510 (13) A1

(21) PCT/US97/18365

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 08/732,024 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 209/52, 491/18(54) PROCESS FOR PREPARING 2-AZADIHYDROXYBICYCLO[2.2.1]HEPTANE COMPOUNDS AND THE L-TARTARIC ACID SALT OF THE COMPOUND
PROCEDE DE PREPARATION D'UN COMPOSE DE 2-AZADIHYDROXYBICYCLO[2.2.1]HEPTANE ET DU SEL D'ACIDE TARTRIQUE L DE CE COMPOSE

(71) RHONE-POULENC RORER PHARMACEUTICALS INC. [US/US]; Legal/Patents, Mail Stop #3C43, P.O. Box 5093, Collegeville, PA 19426-0997 (US).

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(72, 75) O'BRIEN, Michael [US/US]; 560 Kromer Avenue, Berwyn, PA 19312 (US). LEON, Patrick [FR/FR]; 9, chemin de la Vernique, F-69169 Tassin La Demi Lune (FR). LARGEAU, Denis [FR/FR]; Résidence "Les Côteaux", Route du Bataard, F-69440 Taluyers (FR). POWERS, Matthew [US/US]; 178 West Branch Road, Barto, PA 19504 (US). DURAND, Thierry [FR/FR]; 147, chemin de Triviers, F-73190 Challes Les Eaux (FR).

(74) PARKER, Raymond, S. et al. / etc.; Rhône-Poulenc Rorer Pharmaceuticals Inc., Mail Stop # 3C43, P.O. Box 5093, Collegeville, PA 19426-0997 (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 98/16511 (13) A1

(21) PCT/EP97/05692

(22) 9 Oct/oct 1997 (09.10.1997)

(25) en (26) en

(31) 96202860.1 (32) 15 Oct/oct 1996 (15.10.1996) (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 211/58(54) SYNTHESIS OF CISAPRIDE
SYNTHÈSE DE CISAPRIDE(71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE KNAEP, Alfons, Gaston, Maria [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). MOENS, Luc, Jozef, Raphael [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). REY, Max [CH/CH]; Manessestrasse 4, CH-8003 Zurich (CH).

(74) QUAGHEBEUR, Luc; Janssen Pharmaceutica N.V., Patent Dept., Turnhoutseweg 30, B-2340 Beerse (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 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).

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(31) 196 42 591.3 (32) 15 Oct/oct 1996 (15.10.1996) (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 211/62, 401/12, A61K 31/445(54) NEW DERIVATES FROM PIPERIDINE-KETO ACID, THEIR PREPARATION AND USE
NOUVEAUX DERIVES DE PIPERIDINE-CETOACIDE, LEUR PREPARATION 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) LUBISCH, Wilfried [DE/DE]; E 7.25, D-68159 Mannheim (DE). MÖLLER, Achim [DE/DE]; Im Zaunrücken 10, D-67269 Grünstadt (DE). DELZER, Jürgen [DE/DE]; Franz-Stützel-Strasse 78, D-67346 Speyer (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 98/16513 (13) A1

(21) PCT/JP97/03639

(22) 9 Oct/oct 1997 (09.10.1997)

(25) ja (26) ja

(31) 8/269985 (32) 11 Oct/oct 1996 (11.10.1996) (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 213/75, 275/03, 277/38, 277/82, 233/90, C09B 29/20(54) NAPHTHOL DERIVATIVE AND PROCESS FOR PREPARING THE SAME
DERIVE DE NAPHTHOL ET PROCEDE DE PREPARATION DE CE DERNIER(71) KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO [JP/JP]; 4-8, Korabashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 (JP). KITAYAMA, Masaya [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665 (JP). MINAMI, Kenji [JP/JP]; 3-15-2, Onosato, Sennan-shi, Osaka 590-05 (JP). WAKAMORI, Hiroyuki [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-31 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 98/16514** (13) A1

(21) PCT/US97/18281

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/732,004 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 215/54, A61K 31/47, C07D 401/12, 409/12, 471/04

(54) ORTHO-SULFONAMIDO BICYCLIC HETEROARYL HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASE AND TACE INHIBITORS
ACIDES ORTHO-SULFONAMIDO-BICYCLIQUES-HETEROARYL HYDROXAMIQUES EN TANT QU'INHIBITEURS DES METALLOPROTEINASES MATRICIELLES ET DE TACE

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940-0974 (US).

(72) **LEVIN, Jeremy, Ian**; 190 Treetop Circle, Nanuet, NY 10954 (US). **ZASK, Arie**; 200 Central Park South, New York, NY 10019 (US). **GU, Yansong**; 82 North Magnolia Avenue, Pearl River, NY 10965 (US). **ALBRIGHT, Jay, Donald**; 5 Clifford Court, Nanuet, NY 10954 (US). **DUI, Xumei**; 130 Sierra Vista Lane, Valley Cottage, NY 10989 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, 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 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); EP (AT BE CH DE DK ES FI FR 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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(31) 08/732,653 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 239/02, A01N 43/54

(54) COMPOUNDS AND METHODS TO TREAT INFECTIOUS DISEASES
COMPOSES ET METHODES POUR TRAITER LES MALADIES INFECTIEUSES

(71) **THE PICOWER INSTITUTE FOR MEDICAL RESEARCH** [US/US]; 350 Community Drive, Manhasset, NY 11030 (US).

(72) **BUKRINSKY, Michael, I.**; 8 Glen Lane, Glenwood Landing, NY 11547 (US). **ULRICH, Peter**; 148 DeWolf Road, Old Tappan, NJ 07675 (US).

(74) **OSTER, Jeffrey, B.**; The Picower Institute for Medical Research, 350 Community Drive, Manhasset, NY 11030 (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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(25) ja (26) ja

(31) 8/322360 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 241/46, A61K 31/495

(54) PHENAZINE 5-OXIDE DERIVATIVES
DERIVES DE PHENAZINE 5-OXYDE

(71) **NIPPON CHEMIPHAR CO., LTD.** [JP/JP]; 2-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Toshihiro** [JP/JP]; 1-6-505, Hikonari 4-chome, Misato-shi, Saitama 341 (JP). **NOMURA, Yutaka** [JP/JP]; 832-113, Mitsubori, Noda-shi, Chiba 278 (JP). **SETO, Haruo** [JP/JP]; 100-5, Ueno-machi, Hachioji-shi, Tokyo 192 (JP). **SHIN-YA, Kazuo** [JP/JP]; Castle Manshon Goto-tanno, 1-5-7-703, Adachi, Adachi-ku, Tokyo 120 (JP).

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

(11) **WO 98/16517** (13) A1

(21) PCT/JP97/03584

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) ja (26) ja

(31) 8/270014 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 261/08, 261/04, C07C 259/10

(54) PROCESS FOR PRODUCING ISOXAZOLE DERIVATIVES AND INTERMEDIATES FOR PRODUCING THE SAME
PROCEDE PERMETTANT DE PRODUIRE DES DERIVES D'ISOXAZOLE ET PRODUITS INTERMEDIAIRES POUR PRODUIRE CEUX-CI

(71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAI, Hiroyuki** [JP/JP]; 32-11, Takada-cho, Yamatokoriyama-shi, Nara 639-11 (JP). **TA-KASE, Akira** [JP/JP]; 5-3-3, Aoyama, Otsu-shi, Shiga 520-21 (JP). **TOMIDA, Minoru** [JP/JP]; 2508-16, Aburahi, Koka-cho, Koka-gun, Shiga 520-34 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16518** (13) A1

(21) PCT/US97/18258

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,602 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 9626228.2 (32) **18 Dec/déc 1996 (18.12.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 307/77, A61K 31/34

(54) TRITERPENE DERIVATIVES WITH IMMUNOSUPPRESSANT ACTIVITY
DERIVES DE TRITERPENE AYANT UNE ACTIVITE IMMUNOSUPPRESSIVE

(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) **BAKER, Robert, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **BAO, Jianming** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KAYSER, Frank** [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KOTLIAR, Andrew** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **PARSONS, William, H.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **RUPPRECHT, Kathleen, M.** [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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(21) PCT/JP97/03672

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(31) 8/295837 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 313/08, 405/06, 493/04, A61K 31/335, 31/445, 31/55

(54) [ω-(2,3-DIHYDRO-1-BENZOXEPIN-4-YL)ALKYL]AMINE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF, AND MEDICINAL COMPOSITIONS CONTAINING THE SAME
DERIVES DE [ω-(2,3-DIHYDRO-1-BENZOXEPIN-4-YL)ALKYL]AMINE, PROCEDE DE PREPARATION DE CES DERNIERS ET COMPOSITIONS MEDICAMENTEUSES CONTENANT CEUX-CI

(71) **DAINIPPON PHARMACEUTICAL CO., LTD.** [JP/JP]; 6-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIE, Toshiya** [JP/JP]; 34-9, Higashi-Shinmachi 1-chome, Matsubara-shi, Osaka 580 (JP). **KANEHIRA, Aki** [JP/JP]; 10-3-404, Yamadahigashi 4-chome, Suita-shi, Osaka 565 (JP). **KAI, Naoki** [JP/JP]; 37-27, Nishikoya 2-chome, Amagasaki-shi, Hyogo 661 (JP). **HINO, Katsuhiko** [JP/JP]; 8-11, Shiroyama-Dai 3-chome, Sango-cho, Ikoma-gun, Nara 636 (JP). **KAWASHIMA, Katsuyoshi** [JP/JP]; 21-10, Tainohata-Higashimachi, Suma-ku, Kobe-shi, Hyogo 654-01 (JP). **SHIMIZU, Isao** [JP/JP]; 37-12, Asagiri-cho 1-chome, Akashi-shi, Hyogo 673 (JP). **AKIYAMA, Kazuhisa** [JP/JP]; 11-7-303, Ohata-cho, Takatsuki-shi, Osaka 569-11 (JP).

(74) **YOSHIOKA, Takuji**; Dainippon Pharmaceutical Co., Ltd., Tokyo Office, 2-5, Nihonbashi Honcho 2-chome, Chuo-ku, Tokyo 103 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16520** (13) A1

(21) PCT/US97/18519

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/732,009 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 333/38, 231/42, 213/78, 409/12, A61K 31/38, 31/44, 31/415

(54) THE PREPARATION AND USE OF ORTHO-SULFONAMIDO HETEROARYL HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASE AND TACE INHIBITORS PREPARATION D'ACIDES ORTHO-SULFONAMIDO HETERARYL-HYDROXAMIQUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DES METALLOPROTEINASES MATRICIELLES ET DE TACE

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940-0974 (US).

(72) **LEVIN, Jeremy, Ian**; 190 Treemap Circle, Nanuet, NY 10954 (US). **FRANCES, Christy, Nelson**; 694 Terrace Heights, Wyckoff, NJ 07481 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, 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 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); EP (AT BE CH DE DK ES FI FR 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 98/16521** (13) A1

(21) PCT/EP97/05531

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 196 42 451.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 333/68, 333/38, 409/12, 333/78, 333/80, A61K 31/38

(54) AMINOTHIOPHENE CARBOXYLIC ACID AMIDES AND THE USE THEREOF AS PHOSPHODIESTERASE INHIBITORS AMIDES D'ACIDE CARBOXYLIQUE D'AMINOTHIOPHENE ET LEUR UTILISATION COMME INHIBITEURS DE PHOSPHODIESTERASE

(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) **JONAS, Rochus** [DE/DE]; Stormstrasse 7, D-64291 Darmstadt (DE). **SCHELLING, Pierre** [CH/DE]; Bordenbergweg 17, D-64367 Mühlthal

(DE). **KLUXEN, Franz-Werner** [DE/DE]; Besunger Strasse 3, D-64285 Darmstadt (DE). **CHRISTADLER, Maria** [DE/DE]; Dürerstrasse 10, D-63322 Rödermark (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, D-64293 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16522** (13) A2

(21) PCT/EP97/05430

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 42 529.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 333/70, 333/24, 333/40, 307/68, 307/24, 277/56, 213/80, 213/79, 231/14, 231/16, 327/06, 275/02, C07C 233/60, 271/16

(54) AMINOPHENOL DERIVATES DERIVES D'AMINOPHENOL

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRÜGER, Bernd-Wieland** [DE/DE]; Am Vorend 52, D-51467 Bergisch Gladbach (DE). **DEHNE, Heinz-Wilhelm** [DE/DE]; Charles-Wimar-Strasse 15, D-53125 Bonn (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 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; 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 98/16523** (13) A2

(21) PCT/US97/18291

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,366 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/033,749 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) Not furnished / non communiqué (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 417/00

(54) SELECTIVE FACTOR XA INHIBITORS INHIBITEURS COMPETITIFS DU FACTEUR XA

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; Apartment K302, 1125 Balclutha Drive, Foster City, CA 94404 (US). **SCARBOROUGH, Robert, M.**; 2544 Belmont Canyon Road, Belmont, CA 94002 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16524** (13) A1

(21) PCT/US97/18410

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,384 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/036,257 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/948,663 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 417/14, C07F 5/02, A61K 31/425, C07K 5/06, A61K 38/05

(54) HETEROCYCLIC DERIVATIVES AS FACTOR Xa INHIBITORS DERIVES HETEROCYCLIQUES UTILISES COMME INHIBITEURS DE FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; Apartment K302, 1125 Balclutha Drive, Foster City, CA 94404 (US). **SCARBOROUGH, Robert, M.**; 2544 Belmont Canyon Road, Belmont, CA 94002 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16525** (13) A1

(21) PCT/US97/18647

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,361 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/035,154 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/948,482 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07D 417/14, C07F 5/02, C07D 417/12, A61K 31/425
- (54) SELECTIVE FACTOR Xa INHIBITORS
INHIBITEURS SELECTIFS DU FACTEUR Xa
- (71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).
- (72) **ZHU, Bing-Yan**; Apartment K302, 1125 Balclutha Drive, Foster City, CA 94404 (US). **SCARBOROUGH, Robert, M.**; 2544 Belmont Canyon Road, Belmont, CA 94002 (US).
- (74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16526** (13) A1

(21) PCT/EP97/05636

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 9621576.9 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB

(31) 9711966.3 (32) **10 Jun/juin 1997 (10.06.1997)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 471/04, A61K 31/445

(54) TETRAHYDRO-6H-PYRAZINO[1,2-B]ISOQUINOLINE 1,4-DIONES AS APO-PROTEIN B-100 INHIBITORS
TETRAHYDRO-6H-PYRAZINO[1,2-B]ISOQUILONE 1,4-DIONES EN TANT QU'INHIBITEURS DE L'APOPROTEINE B-100

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LABAUDINIÈRE, Richard, Frederic** [FR/US]; 220 Richard Way, Collegeville, PA 19426 (US). **MARTRES, Paul** [FR/FR]; (FR). **DODIC, Nerina** [FR/FR]; (FR). **DUMAITRE, Bernard, Andre** [FR/FR]; Laboratoire Glaxo Wellcome, Centre de Recherches, Z.A. de Courtabouef, 25, avenue de Quebec, F-91940 Les Ulis (FR).

(74) **LEAROYD, Stephanie, Anne**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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 98/16527** (13) A1

(21) PCT/JP97/03704

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) PO 2988 (32) **15 Oct/oct 1996 (15.10.1996)** (33) AU

(31) PO 6764 (32) **14 May/mai 1997 (14.05.1997)** (33) AU

(31) PO 8753 (32) **25 Aug/Août 1997 (25.08.1997)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 471/10, A61K 31/445, C07D 405/06, 405/14, C07K 5/06

(54) BENZOXEPINE DERIVATIVES WHICH PROMOTE RELEASE OF GROWTH HORMONE
DERIVES DE BENZOXEPINE PROMOTEURS DE LA LIBERATION D'HORMONE DE CROISSANCE

(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) **TANIGUCHI, Kiyoshi** [JP/JP]; 2-1-28, Minami-chiwa, Suma-ku, Kobe-shi, Hyogo 654-01 (JP). **KURODA, Satoru** [JP/JP]; 3-6-21-207, Kotobuki-cho, Takatsuki-shi, Osaka 569 (JP). **TSUBAKI, Kazunori** [JP/JP]; 1-4-189, Ori-dai, Uji-shi, Kyoto 611 (JP). **SHIMIZU, Yasuyuki** [JP/JP]; 3-9-10, Motomachi, Naniwa-ku, Osaka-shi, Osaka 556 (JP). **TAKASUGI, Hisashi** [JP/JP]; 3-116-10, Mozu Umekita, Sakai-shi, Osaka 591 (JP).

(74) **YOSHIKAWA, Toshio**; Murahama Building 6F, 9-19, Higashinoda-cho 4-chome, Miyakojima-ku, Osaka-shi, Osaka 534 (JP).

(81) AU CA CN HU IL JP KR 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 98/16528** (13) A1

(21) PCT/US97/19472

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,306 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 473/16, A61K 31/505

(54) PURINE INHIBITORS OF GLYCOGEN SYNTHASE KINASE 3 (GSK3)
INHIBITEURS PURIQUES DE GLYCOGENE SYNTHASE KINASE 3 (GSK3)

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).

(72) **SCHULTZ, Peter**; 4616 Rising Hill Court, Oakland, CA 94619 (US). **RING, David, B.**; 2375 Cowper Street, Palo Alto, CA 94301 (US). **HARRISON, Stephen, D.**; 1369 Francisco Street, Berkeley, CA 94702 (US). **BRAY, Andrew, M.**; 48 Western Road, Boronia, VIC 3155 (AU).

(74) **FUJITA, Sharon, M.** et al. / etc.; Chiron Corporation, Intellectual Property - R440, P.O. Box 8097, Emeryville, CA 94662-8097 (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 98/16529** (13) A1

(21) PCT/JP97/03695

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/270739 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(31) 9/114213 (32) **17 Apr/avr 1997 (17.04.1997)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 487/22

(54) PROCESS FOR THE PREPARATION OF ACYLATED HEXAAZAISOWURTZITANE DERIVATIVES
PROCEDE POUR PREPARER DES DERIVES ACYLES DU HEXA-AZA-ISOWURTZITANE

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KODAMA, Tamotsu** [JP/JP]; Asahikasei-Ootaka-Ryo 3-202, 1063, Higashitomi, Kurashiki-shi, Okayama-ken 710 (JP). **MINOURA, Haruyuki** [JP/JP]; 629-87, Nishifukui, Kurashiki-shi, Okayama-ken 710 (JP). **MIYAKE, Nobuhisa** [JP/JP]; 953, Tsurushinden, Tsurajimacho, Kurashiki-shi, Okayama-ken 710 (JP). **YAMAMATSU, Setsuo** [JP/JP]; 1005-1-2-615, Higashitomi, Kurashiki-shi, Okayama-ken 710 (JP). **KATSUMATA, Tsutomu** [JP/JP]; 1005-1-2-611, Higashitomi, Kurashiki-shi, Okayama-ken 710 (JP).

(74) **HIGUCHI, Takeshi**; Akasaka Habitation Building, 3rd floor, 3-5, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).

(81) AU BR CA CN CZ ID IL JP KR NO 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 98/16530** (13) A1

(21) PCT/US97/18275

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/732,807 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07D 491/056, A61K 31/40

(54) AZAHETEROCYCLYMETHYL DERIVATIVES OF 2,3,8,9-TETRAHYDRO-7H-1,4-DIOXINO[2,3-e]INDOL-8-ONE
DERIVES DE 2,3,8,9-TETRAHYDRO-7H-1,4-DIOXINO2,3-EINDOL-8-ONE DE AZAHETEROCYCLYL METHYLE

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **STACK, Gary, Paul**; 525 Brookfield Road, Ambler, PA 19002 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, Patent Law Dept. - 2B, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16531** (13) A1
(21) PCT/US97/18334
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,963 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 9625887.6 (32) **12 Dec/déc 1996 (12.12.1996)** (33) GB
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07D 493/04, A61K 31/335
(54) TRITERPENE DERIVATIVES WITH IMMUNOSUPPRESSANT ACTIVITY DERIVES DE TRITERPENE PRESENTANT UNE ACTIVITE IMMUNOSUPPRESSIVE
(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) **BAKER, Robert, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **BAO, Jianming** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KAYSER, Frank** [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KOTLIAR, Andrew** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **PARSONS, William, H.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **RUPPRECHT, Kathleen, M.** [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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16532** (13) A1
(21) PCT/US97/18651
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,597 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 9626239.9 (32) **18 Dec/déc 1996 (18.12.1996)** (33) GB
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07D 493/04, A61K 31/335
(54) TRITERPENE DERIVATIVES WITH IMMUNOSUPPRESSANT ACTIVITY DERIVES DE TRITERPENE A ACTION IMMUNOSUPPRESSIVE
(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) **BAKER, Robert, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KAYSER, Frank** [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **BAO, Jianming** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **KOTLIAR, Andrew** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **PARSONS, William, H.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **RUPPRECHT, Kathleen, M.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
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- (11) **WO 98/16533** (13) A1
(21) PCT/US96/16390
(22) **15 Oct/oct 1996 (15.10.1996)**
(25) en (26) en
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07F 5/02
(54) METHOD FOR THE PRODUCTION OF TETRAKIS (PENTAFLUOROPHENYL) BORATES PROCEDE DE PRODUCTION DE TETRAKIS (PENTAFLUOROPHENYLE) BORATES
(71) **BOULDER SCIENTIFIC COMPANY** [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KRAFFT, Terry** [US/US]; 7456 Park Lane Road, Longmont, CO 80503 (US).
(74) **IRONS, Edward, S.**; Suite 950, 700 - 13th Street, N.W., Washington, DC 20004 (US).
(81) AU CA JP 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 98/16534** (13) A1
(21) PCT/EP97/05206
(22) **23 Sep/sep 1997 (23.09.1997)**
(25) de (26) de
(31) 196 42 354.6 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07F 7/00, 7/28, 19/00, C08F 10/00
(54) METAL COMPLEXES WITH AN ADAMANTANE-LIKE STRUCTURE COMPLEXES METALLIQUES AVEC UNE STRUCTURE SEMBLABLE A L'ADAMANTANE
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; Carl-Bosch-Strasse 38, D-67063 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GEPRÄGS, Michael** [DE/DE]; Ostring 66, D-67240 Bobenheim-Roxheim (DE). **STÜRMER, Rainer** [DE/DE]; Hauptstrasse 153, D-67127 Roedersheim (DE). **WEISS, Horst** [DE/DE]; Kolberger Strasse 33b, D-76139 Karlsruhe (DE). **STEIGER, Susanne** [DE/DE]; Wielandstrasse 6, D-67354 Römerberg (DE).
(74) **BASF AKTIENGESELLSCHAFT**; Carl-Bosch-Strasse 38, D-67063 Ludwigshafen (DE).
(81) CN 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 98/16535** (13) A1
(21) PCT/GB97/02860
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
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- (31) 9621522.3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07F 9/6574, 9/6571, 9/09
(54) SYNTHESIS OF PHOSPHORUS COMPOUNDS SYNTHÈSE DE COMPOSES PHOSPHORES
(71) **BIOCOMPATIBLES LIMITED** [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DRIVER, Michael, John** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **WILMAN, Laura, Ainsley** [GB/GB]; 61 Burnt Ash Road, Lee, London SE12 8RS (GB). **JACKSON, Deborah, Jane** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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).
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- (11) **WO 98/16536** (13) A1
(21) PCT/DE97/02372
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) de (26) de
(31) 196 42 751.7 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07H 3/06, 21/00, A61K 31/70
(54) SACCHARIDE LIBRARY BIBLIOTHEQUE DE SACCARIDES
(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) **WIESSLER, Manfred** [DE/DE]; Konstanzer Strasse 21, D-69126 Heidelberg (DE). **KLIEM, Christian** [DE/DE]; Daimlerstrasse 14 K, D-64646 Heppenheim (DE). **MIER, Walter** [DE/DE]; Heidelberger Strasse 20, D-64673 Zwingenberg (DE). **MENZLER, Stefan** [DE/DE]; Panoramastrasse 151, D-69126 Heidelberg (DE).
(74) **SCHÜSSLER, Andrea**; 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)
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- (11) **WO 98/16537** (13) A1
(21) PCT/SE97/01668
(22) **6 Oct/oct 1997 (06.10.1997)**
(25) en (26) en
(31) 9603726-2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ C07H 11/04, 13/04, C07F 9/655, A61K 31/70
- (54) NOVEL COMPOUNDS
NOUVEAUX COMPOSES
- (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) **MALOISEL, Jean-Luc** [FR/SE]; Idrottsvägen 20, S-182 46 Enebyberg (SE). **PRING, Brian** [GB/SE]; Västergårdsvägen 8, S-151 45 Södertälje (SE). **TIDEN, Anna-Karin** [SE/SE]; Bränningestrandsvägen 40, S-151 39 Södertälje (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16538** (13) A1
- (21) PCT/EP97/05762
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) en (26) en
- (31) 96307507.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP
- (34) AT et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07H 13/02, C11D 3/00, 1/66, C07H 13/06
- (54) FABRIC SOFTENING COMPOSITION
COMPOSITION ADOUCISSANT LES TISSUS
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH 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 IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG US ZW)
- (72, 75) **GRAINGER, David, Stephen** [GB/GB]; 27 Prescott Street, Hoole, Chester CH2 3BN (GB). **KHAN-LODHI, Abid, Nadim** [GB/US]; 6-1 Bergen Ridge Road, North Bergen, NJ 07047 (US).
- (74) **TANSLEY, Sally, Elizabeth**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16539** (13) A1
- (21) PCT/DK97/00423
- (22) **2 Oct/oct 1997 (02.10.1997)**
- (25) en (26) en
- (31) 1136/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DK

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07H 19/16, 19/167, A61K 31/70
- (54) NOVEL THERAPEUTICALLY ACTIVE ADENOSINE DERIVATIVES
NOUVEAUX DERIVES D'ADENOSINE A ACTION THERAPEUTIQUE
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KNUTSEN, Lars** [GB/GB]; 6 Wayland Close, Bradfield, Nr. Reading, Berks RG7 6AG (GB).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, DK-2880 Bagsvaerd (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16540** (13) A1
- (21) PCT/US97/15744
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) en (26) en
- (31) 08/730,556 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (31) 08/937,867 (32) **25 Sep/sep 1997 (25.09.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07H 21/00, 21/04, 1/00
- (54) IMPROVED COUPLING ACTIVATORS FOR OLIGONUCLEOTIDE SYNTHESIS
ACTIVATEURS DE COUPLAGE AMELIORES POUR LA SYNTHÈSE D'OLIGONUCLEOTIDES
- (71) **NEXSTAR PHARMACEUTICALS, INC.** [US/US]; Suite 200, 2860 Wilderness Place, Boulder, CO 80301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VARGESE, Chandra** [IN/US]; 5295 East 117th Avenue, Thornton, CO 80233 (US). **PIEKEN, Wolfgang** [US/US]; 4190 South Hampton Circle, Boulder, CO 80301 (US). **CARTER, Jeffrey, D.** [US/US]; 259 Pheasant Run, Louisville, CO 80027 (US). **YEGGE, John** [US/US]; 916 Corey Street, Longmont, CO 80501 (US).
- (74) **SWANSON, Barry, J.** et al. / etc.; Swanson & Bratschun, L.L.C., Suite 200, 8400 East Prentice Avenue, Englewood, CO 80111 (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 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 98/16541** (13) A1
- (21) PCT/US97/18808
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en

- (31) 60/028,550 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (31) 08/884,045 (32) **27 Jun/juin 1997 (27.06.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07H 21/04, C07K 14/00, 16/00, C12P 21/00, C12Q 1/68
- (54) MAGNETICALLY ACTIVATED CELL SORTING FOR PRODUCTION OF PROTEINS
TRIAGE DE CELLULES ACTIVEES MAGNETI-QUEMENT PERMETTANT LA PRODUCTION DE PROTEINES
- (71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; 3700 Market Street, Philadelphia, PA 19104-3147 (US).
- (72) **SEIGEL, Donald, L.**; 116 Tamarack Circle, Hatboro, PA 19040 (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) 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 98/16542** (13) A1
- (21) PCT/US97/19070
- (22) **17 Oct/oct 1997 (17.10.1997)**
- (25) en (26) en
- (31) 08/731,716 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07H 21/04, C07K 1/00, C12N 15/00, 15/09, C12P 21/06, G01N 33/53
- (54) NOVEL PENICILLIN BINDING PROTEIN FROM *STREPTOCOCCUS PNEUMONIAE*
NOUVELLE PROTEINE FIXATRICE DE PENICILLINE, OBTENUE A PARTIR DE *STREPTOCOCCUS PNEUMONIAE*
- (63) US 08/731,716 (CON)
17 Oct/oct 1996 (17.10.1996)
- (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) **HOSKINS, Jo, Ann** [US/US]; 8229 Tern Court, Indianapolis, IN 46256 (US). **JASKUNAS, Stanley, R., Junior** [US/US]; 6910 North Tuxedo Street, Indianapolis, IN 46220 (US). **NORRIS, Franklin, H.** [US/US]; 5518 South Arlington Avenue, Indianapolis, IN 46237 (US). **ROCKEY, Pamela, K.** [US/US]; 679 Canary Creek Drive, Franklin, IN 46131 (US). **ROSTECK, Paul, R., Junior** [US/US]; 4247 Saffron Drive, Indianapolis, IN 46237 (US). **ZHAO, Genshi** [CN/US]; 10321 Foxwood Drive West, Indianapolis, IN 46280 (US).
- (74) **WEBSTER, Thomas, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA 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 RO RU SD 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 98/16543** (13) A1
(21) PCT/JP97/03658
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) ja (26) ja
(31) 8/293413 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07J 1/00
(54) REMEDY FOR CHRONIC FATIGUE SYNDROME
MÉDICAMENT CONTRE LE SYNDROME DE
FATIGUE CHRONIQUE
(71) **KANEBO, LIMITED** [JP/JP]; 17-4, Sumida
5-chome, Sumida-ku, Tokyo 131 (JP).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **KURATSUNE, Hirohiko** [JP/JP]; 16-405, To-
neyamamotomachi 4-chome, Toyonaka-shi, Osaka
560 (JP). **KITANI, Teruo** [JP/JP]; 28-15, Fu-
jishirodai 2-chome, Suita-shi, Osaka 565 (JP).
SAWADA, Masumi [JP/JP]; 25-12, Hannan-cho
1-chome, Abeno-ku, Osaka-shi, Osaka 545 (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 98/16544** (13) A1
(21) PCT/US97/18306
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/027,936 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07J 31/00, 1/00, A61K 31/565
(54) 8(9)-DEHYDROESTRADIOL DERIVATIVES
DERIVES DE 8(9)-DESHYDROESTRADIOL
(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ
07940-0874 (US).
(72) **ADELMAN, Steven, Jay**; 342 Windy Run Drive,
Doylestown, PA 18901 (US). **BEX, Frederick,
James**; 4 Lakeshore Drive, Newtown Square, PA
19073 (US). **CHANDRASEKARAN, Appavu**; 35
Thoreau Drive, Plainsboro, NJ 08536 (US). **PRO-
ZIALECK, Dorothy, Helen**; 304 Independence
Drive, Holland, PA 18966 (US). **WINKLEY, Mi-
chael, William**; 1 Arbor Road, Campbell Hall,
NY 10916 (US). **RAVEENDRANATH, Panolil**;
3 Whitman Place, Monroe, NY 10950 (US).
(74) **ALICE, Ronald, W.**; American Home Products
Corporation, Patent Law Dept. - 2B, 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 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).
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- (11) **WO 98/16545** (13) A1
(21) PCT/US97/15733
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
- (31) 60/028,335 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07K 1/00, 14/52, A61K 45/05, 38/00, 38/19
(54) THERAPEUTIC PROTEINS
PROTEINES THERAPEUTIQUES
(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) **BEALS, John, M.** [US/US]; 6710 Bluffridge
Parkway, Indianapolis, IN 46278-1853 (US). **DI-
MARCHI, Richard, D.** [US/US]; 10890 Wil-
mington Drive, Carmel, IN 46033 (US).
(74) **MACIAK, Ronald, S.** et al. / etc.; Eli Lilly and
Company, Lilly Corporate Center, Indianapolis, IN
46285 (US).
(81) AL AM AU AZ BA BB BG BR BY CA CN CU
CZ EE GE GH HU ID 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 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).
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- (11) **WO 98/16546** (13) A1
(21) PCT/JP97/03697
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 8/272129 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07K 5/06
(54) ENZYMATIC METHOD FOR PRODU-
CING N-FORMYL- α -L-ASPARTYL-L-
PHENYLALANINE METHYL ESTER
METHODE ENZYMATIQUE POUR PRO-
DUIRE DU N-FORMYL- α -L-ASPARTYL-L-
PHENYLALANINE METHYL ESTER
(71) **HOLLAND SWEETENER COMPANY V.O.F.**
[NL/NL]; Blekerij 52, NL-6212 XW Maastricht
(NL).
(71, 72) **HIRATA, Akira** [JP/JP]; 47-2, Soshigaya
5-chome, Setagaya-ku, Tokyo 157 (JP).
(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office,
28th floor, ARK Mori Building, 12-32, Akasaka
1-chome, Minato-ku, Tokyo 107 (JP).
(81) CN KR MX RU; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/16547** (13) A1
(21) PCT/US97/18312
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/730,640 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(31) 60/036,337 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07K 5/06, A61K 38/05
(54) SELECTIVE FACTOR Xa INHIBITORS
INHIBITEURS SELECTIFS DU FACTEUR Xa
- (71) **COR THERAPEUTICS, INC.** [US/US]; 256 E.
Grand Avenue, South San Francisco, CA 94080
(US).
(72) **ZHU, Bing-Yan**; Apartment K302, 1125 Bal-
clutha Drive, Foster City, CA 94404 (US).
SCARBOROUGH, Robert, M.; 2544 Belmont
Canyon Road, Belmont, CA 94002 (US).
(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis
& Bockius, 1800 M 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 ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV 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).
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- (11) **WO 98/16548** (13) A1
(21) PCT/US97/18742
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,343 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07K 7/06, 7/08, 14/00, 14/435, 14/705, C12N
15/12, A61K 38/08, 38/10, 38/17
(54) THROMBIN RECEPTOR PEPTIDES AND USES
THEREOF
PEPTIDES RECEPTEURS DE THROMBINE ET
UTILISATIONS CORRESPONDANTES
(71) **UNIVERSITY OF MASSACHUSETTS**
[US/US]; Suite 800, 18 Tremont Street, Boston,
MA 02108 (US).
(72) **FURMAN, Mark, I.**; 15 Otis Place, Newton, MA
02160 (US). **LIU, Longbin**; Apartment 203, 51
Alvarado Avenue, Worcester, MA 01604 (US).
BENOIT, Stephen, E.; 32 Old Broad Street,
Jefferson, MA 01522 (US). **MICHELSON, Alan,
D.**; 18 Suffolk Road, Sudbury, MA 01776 (US).
(74) **FASSE, J., Peter**; Fish & Richardson, P.C., 225
Franklin Street, Boston, MA 02110-2804 (US).
(81) AU CA 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 98/16549** (13) A1
(21) PCT/US97/18693
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,315 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C07K 7/66, A61K 38/12
(54) ANTIMICROBIAL PEPTIDE ANALOGS OF
GRAMICIDIN S AND COMPOSITIONS COM-
PRISING THEM
ANALOGUES DE PEPTIDES ANTI-
MICROBIENS DE GRAMICIDINE S
ET COMPOSITIONS CONTENANT CES
ANALOGUES
(71) **PENCE, INC.** [CA/CA]; Administrative Centre,
University of Alberta, 750 Heritage Medical Re-
search Centre, Edmonton, Alberta T6G 2S2 (CA).

- (71) **DEHLINGER, Peter, J.** [US/US]; Suite 250, 350 Cambridge Avenue, Palo Alto, CA 94306 (US).
(only for / seulement pour ZW)
- (72) **KONDEJEWSKI, Leslie, H.**: 11432-78 Avenue, Edmonton, Alberta T6G 0N3 (CA). **HODGES, Robert, S.**: #1501 9929 Saskatchewan Drive, Edmonton, Alberta T6E 5J9 (CA). **WISHART, David, S.**: 11542-77 Avenue, Edmonton, Alberta T6G 0M1 (CA). **HANCOCK, Robert, E., W.**: 3505 West 32nd Avenue, Vancouver, British Columbia V6S 1Z1 (CA). **MCELHANEY, Ronald, N.**: 7753-96 Street, Edmonton, Alberta T6C 4P8 (CA). **PRENNER, Elmar, J.**: 6420 Ada Boulevard, Edmonton, Alberta T5W 4P2 (CA). **LEWIS, Ruthven, N., A., H.**: 8946-155 Street, Edmonton, Alberta T5R 1W4 (CA).

(74) **STRATFORD, Carol, A.** et al. / etc.; Dehlinger & Associates, LLP, P.O. Box 60850, Palo Alto, CA 94306-0850 (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).

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(31) 9621367.3 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07K 14/00, 7/06, 7/08, C07D 239/46, 239/54, 403/04

(54) **CHIRAL PEPTIDE NUCLEIC ACIDS**
ACIDES NUCLEIQUES CHIRAUX DE PEPTIDE

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(72, 75) **LOWE, Gordon** [GB/GB]; 17 Norman Avenue, Abingdon, Oxon OX14 2HQ (GB).

(74) **PENNANT, Pyers**; Stevens Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (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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(31) 08/734,443 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07K 14/00

(54) **VARIANTS OF VASCULAR ENDOTHELIAL CELL GROWTH FACTOR HAVING ANTAGONISTIC PROPERTIES**
VARIANTS DE FACTEUR DE CROISSANCE DE CELLULES ENDOTHELIALES VASCULAIRES POSSEDANT DES PROPRIETES ANTAGONISTES

(71) **GENENTECH, INC.** [US/US]; 460 Point San Bruno Boulevard, South San Francisco, CA 94080-4990 (US).
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(72, 75) **KEYT, Bruce, A.** [US/US]; 612 Rockaway Beach, Pacifica, CA 94044 (US). **NGUYEN, Francis, Hung** [US/US]; 330 Michelle Lane, Daly City, CA 94015 (US). **FERRARA, Napoleone** [US/US]; 2090 Pacific Avenue #704, San Francisco, CA 94109 (US).

(74) **DREGER, Walter, H.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (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 98/16552** (13) A1

(21) PCT/EP97/04744

(22) **1 Sep/sep 1997 (01.09.1997)**

(25) en (26) en

(31) 96116337.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07K 14/205, 16/12, C12N 15/10, 15/31, 15/74, A61K 39/112

(54) **HELICOBACTER PYLORI LIVE VACCINE ACCIN VIVANT CONTRE HELICOBACTER PYLORI**

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 2, D-80539 München (DE).
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(72, 75) **MEYER, Thomas, F.** [DE/DE]; Spemannstrasse 30, D-72076 Tübingen (DE). **HAAS, Rainer** [DE/DE]; Ursrainer Ring 65, D-72076 Tübingen (DE). **ZHENGXIN, Yan** [CN/DE]; Fichtenweg 6, D-72076 Tübingen (DE). **GOMEZ-DUARTE, Oscar** [CO/DE]; Eduard-Spranger-Strasse 34, D-72076 Tübingen (DE). **LUCAS, Bernadette** [FR/DE]; Eduard-Spranger-Strasse 26, D-72076 Tübingen (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16553** (13) A1

(21) PCT/FR97/01802

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) fr (26) fr

(31) 96/12461 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07K 14/235, 19/00, A61K 38/16

(54) **BORDETELLA STRAIN EXPRESSING THE FHA HYBRID, LIPOSOMES AND VACCINES**
SOUICHE DE *BORDETELLA* EXPRIMANT DE LA FHA HYBRIDE, LIPOSOMES ET VACCINS

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(74) **PHELIP, Bruno**; Cabinet Harlé & Phélip, 21, rue de La Rochefoucauld, F-75009 Paris (FR).

(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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(31) 08/733,230 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C07K 14/29, C12N 15/86, A61K 31/70

(54) **NUCLEIC ACID VACCINES AGAINST RICKETTSIAL DISEASES AND METHODS OF USE**
VACCINS A BASE D'ACIDE NUCLEIQUE CONTRE LES RICKETTSIOSES ET METHODES D'UTILISATION

(71) **UNIVERSITY OF FLORIDA** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

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(74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwan-chik, Lloyd & Saliwan-chik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).

(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 SD SG SI SK SL TR TT UA 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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- (31) 8/291215 (32) **15 Oct/oct 1996** (33) JP
(15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07K 14/435, 7/08, A61K 38/00 // C07K 103:00
- (54) POLYPEPTIDE TRANSITION METAL SALTS AND METHOD OF ENHANCING ANTI-HIV ACTIVITY OF POLYPEPTIDE SELS DE METAUX DE TRANSITION D'UN POLYPEPTIDE ET PROCEDE D'ACCROISSEMENT DE L'ACTIVITE ANTI-VIH DE CE POLYPEPTIDE
- (71) **SEIKAGAKU CORPORATION** [JP/JP]; 1-5, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103 (JP).
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- (72, 75) **MATSUMOTO, Akiyoshi** [JP/JP]; 2-12, Tamadaira 5-chome, Hino-shi, Tokyo 191 (JP).
WAKI, Michinori [JP/JP]; 35-10, Noguchi-cho 3-chome, Higashimurayama-shi, Tokyo 189 (JP).
- (74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).
- (81) AU CA CN HU JP KR NO 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 98/16556** (13) A1
- (21) PCT/NL97/00567
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 1004258 (32) **11 Oct/oct 1996** (33) NL
(11.10.1996)
- (31) 1006583 (32) **14 Jul/jul 1997** (33) NL
(14.07.1997)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07K 14/47, A61K 38/17, G01N 33/68
- (54) PHARMACEUTICAL AND DIAGNOSTIC USE OF SERUM AMYLOID P COMPONENT UTILISATION PHARMACEUTIQUE ET DIAGNOSTIQUE D'UN COMPOSANT AMYLOIDE P SERIQUE
- (71) **UNIVERSITEIT UTRECHT** [NL/NL]; Heidelberglaan 8, NL-3584 CS Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN KESSEL, Cornelis, Petrus, Maria** [NL/NL]; Planetenlaan 10, NL-3721 LA Bilthoven (NL).
VAN STRIJP, Johannes, Antonius, Gerardus [NL/NL]; Nobeldreef 33, NL-2871 KZ Schoonhoven (NL).
- (74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16557** (13) A1
- (21) PCT/US96/20510
- (22) **16 Dec/déc 1996 (16.12.1996)**
- (25) en (26) en
- (31) 60/028,340 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07K 14/705, C12N 15/12, 15/62, C12Q 1/02, G01N 33/53
- (54) ASSAYS FOR G-PROTEIN-LINKED RECEPTORS DOSAGES POUR RECEPTEURS LIES A LA PROTEINE G
- (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
- (72) **NISHIMOTO, Ikuo**; Lexington, MA 02173 (US).
- (74) **FRASER, Janis, K.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) 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 98/16558** (13) A1
- (21) PCT/CH97/00388
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) de (26) de
- (31) 96810690.6 (32) **14 Oct/oct 1996** (33) EP
(14.10.1996)
- (34) AT et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C07K 16/06, A61K 39/395
- (54) METHOD FOR PRODUCING AN IgM PREPARATION FOR INTRAVENOUS ADMINISTRATION PROCEDE DE PRODUCTION D'UNE PREPARATION D'IgM POUR UNE ADMINISTRATION INTRA VEINEUSE
- (71) **ROTKREUZSTIFTUNG ZENTRALLABORATORIUM BLUTSPENDEDIENST SRK** [CH/CH]; Wankdorfstrasse 10, CH-3000 Bern 22 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RENTSCH, Markus** [CH/CH]; Eystrasse 4, CH-3400 Burgdorf (CH).
- (74) **BOVARD AG**; Optingenstrasse 16, CH-3000 Bern 25 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16559** (13) A1
- (21) PCT/JP97/03722
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) ja (26) ja
- (31) 8/272554 (32) **15 Oct/oct 1996** (33) JP
(15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08B 37/08, A61K 31/725
- (54) CERVICAL CANAL MATURING AGENT AGENT DE MATURATION DES CANAUX CERVICAUX
- (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103 (JP).
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- (72, 75) **TERAO, Toshihiko** [JP/JP]; 4872-29, Handa-cho, Hamamatsu-shi, Shizuoka 431-31 (JP).
KANAYAMA, Naohiro [JP/JP]; Hamamatsuidaihandayamashukusha 1-102, 3600, Handa-cho, Hamamatsu-shi, Shizuoka 431-31 (JP).
IDA, Nobutaka [JP/JP]; 2-4-17, Tsunishi, Kamakura-shi, Kanagawa 248 (JP).
- (81) AU CA JP 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 98/16560** (13) A1
- (21) PCT/EP97/05662
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) de (26) de
- (31) 196 42 762.2 (32) **16 Oct/oct 1996** (33) DE
(16.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08F 2/22, 220/12, C09J 133/06, C09D 133/06
- (54) METHOD FOR THE MANUFACTURE OF LOW VISCOSITY AQUEOUS POLYMER DISPERSIONS WITH A POLYMER CONTENT OF AT LEAST 50 VOLUME % PROCEDE DE FABRICATION DE DISPERSIONS POLYMERES AQUEUSES DE FAIBLE VISCOSITE, A TENEUR EN POLYMERES D'AU MOINS 50 % EN VOLUME
- (71) **BASF AKTIENGESSELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAMES, Burkhardt** [DE/DE]; Rüdigerstrasse 30, D-67069 Ludwigshafen (DE).
- (74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzobach & Partner, Sternwartstrasse 4, D-81679 München (DE).
- (81) AL AM AU AZ BG BR BY CA CN CZ GE HU ID IL JP KG KR KZ LT LV MD MX NO NZ PL RO RU SG SI SK TJ TM 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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- (11) **WO 98/16561** (13) A1
- (21) PCT/JP96/02941
- (22) **11 Oct/oct 1996 (11.10.1996)**
- (25) ja (26) ja
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08F 2/22, 12/00, 20/00, 2/38, C08L 101/00, 25/00, 33/00
- (54) POLYMER OBTAINED BY EMULSION POLYMERIZATION METHOD POLYMERES OBTENUE PAR UN PROCEDE DE POLYMERISATION EN EMULSION
- (71) **NIPPON CARBIDE KOGYO KABUSHIKI KAISHA** [JP/JP]; 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).
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- (72, 75) **YOSHIDA, Eiichi** [JP/JP]; Nippon Carbide Kogyo Kabushiki Kaisha Sano-ryo, 53, Yoneyamaminami-cho, Sano-shi, Tochigi 327 (JP).
OGAWA, Manabu [JP/JP]; Prologue-Tatsuno A-202, 118, Tatsuno, Namerikawa-shi, Toyama 936 (JP).
MASUDA, Hiroshi [JP/JP]; Nippon Carbide Kogyo Kabushiki Kaisha Sano-ryo, 53, Yoneyamaminami-cho, Sano-shi, Tochigi 327

(JP). **SERIZAWA, Hiroshi** [JP/JP]; 1-37-41, Hanasaki, Kazo-shi, Saitama 347 (JP).

(74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107 (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 98/16562** (13) A1

(21) PCT/US97/19085

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 60/028,670 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(31) 08/951,597 (32) **16 Oct/oct 1997 (16.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08F 2/34, 10/00, B01J 8/24

(54) METHOD FOR IMPROVED COOLING OF FLUID BED POLYMER REACTOR
METHODE AMELIOREE POUR REFROIDIR UN REACTEUR DE POLYMERISATION A LIT FLUIDISE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **WONDERS, Alan, George**; 1016 Lovers Lane, Longview, TX 75604 (US). **EDMUND, Mark, Alan**; 603 Regency Drive, Longview, TX 75604 (US). **MESSINA, Anthony, Dominick**; 102 Fountain Valley Court, Longview, TX 75605 (US). **BELLNER, Steven, Paul**; 106 Oak Isle Drive, Longview, TX 75605 (US). **FORD, Randal, Ray**; 3013 Latonia, Longview, TX 75605 (US).

(74) **GRIFFIS, Andrew, B.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

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

(11) **WO 98/16563** (13) A1

(21) PCT/BE97/00120

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) fr (26) fr

(31) 9600868 (32) **15 Oct/oct 1996 (15.10.1996)** (33) BE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08F 2/38, 4/00

(54) METHOD FOR CONTROLLED RADICAL POLYMERISATION
PROCEDE POUR LA POLYMERISATION RADICALE CONTROLEE

(71) **UNIVERSITE DE LIEGE** [BE/BE]; CERM, Sart Tilman B6, B-4000 Liège (BE).
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(72, 75) **JEROME, Robert** [BE/BE]; Rue des Sorbiers 6, B-4130 Tilff (BE). **CREUTZ, Serge** [BE/BE]; Allée Bietlimé 40, B-4000 Rocourt (BE). **DUBOIS, Philippe** [BE/BE]; Rue Grande 1, B-4260 Ciplat (BE). **DETREMBLEUR, Christophe** [BE/BE]; Rue Chauffheid, B-4910 Theux (BE). **LECOMTE, Philippe** [BE/BE]; Place Joséphine Charlotte 36, Boîte postale 22, B-5100 Jambes (BE).

(74) **CALLEWAERT, Jean** 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 DE DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) DK DK (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 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 98/16564** (13) A2

(21) PCT/EP97/05201

(22) **23 Sep/sep 1997 (23.09.1997)**

(25) de (26) de

(31) 196 42 353.8 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08F 12/04

(54) CATALYTIC PATTERNS CONTAINING METAL COMPLEXES WITH AN ADAMANTANE-LIKE STRUCTURE
SYSTEME CATALYSEURS CONTENANT DES COMPLEXES METALLIQUES D'UNE STRUCTURE SIMILAIRE A L'ADAMANTANE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
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(72, 75) **GEPRÄGS, Michael** [DE/DE]; Ostring 66, D-67240 Bobenheim-Roxheim (DE). **STÜRMER, Rainer** [DE/DE]; Hauptstrasse 153, D-67127 Rödersheim (DE). **WEISS, Horst** [DE/DE]; Kolberger Strasse 33b, D-76139 Karlsruhe (DE). **STEIGER, Susanne** [DE/DE]; Wielandstrasse 6, D-67354 Römerberg (DE).

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

(11) **WO 98/16565** (13) A1

(21) PCT/US97/17575

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/730,507 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08F 222/06, 216/12

(54) DENTURE ADHESIVE
ADHESIF POUR PROTHESE DENTAIRE

(71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).

(72) **PROSISE, William, E.**; 16 East Oak Street, Ramsey, NJ 07446 (US). **KWAK, Yoon, Tae**; 14 Chicopee Drive, Wayne, NJ 07470 (US).

(74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, 1361 Alps Road, Wayne, NJ 07470 (US).

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

(11) **WO 98/16566** (13) A1

(21) PCT/EP97/04993

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) de (26) de

(31) 196 41 954.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08F 255/00, C10M 157/00, 157/04

(54) NEW POLYMER IN POLYMERIC DISPERSION AS A VISCOSITY INDEX IMPROVER
NOUVEAU POLYMER EN DISPERSION POLYMERIQUE COMME ADDITIF D'INDICE DE VISCOSITE

(71) **ROHMAX ADDITIVES GMBH** [DE/DE]; Kirchschaltee, D-64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FENGLER, Stephan** [DE/DE]; Kirchstrasse 16, D-64846 Groß-Zimmern (DE). **PENNEWISS, Horst** [DE/DE]; De-La-Fosse-Weg 21, D-64289 Darmstadt (DE). **MASSOTH, Stephan** [DE/DE]; Wattenheimerstrasse 39, D-68647 Biblis (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16567** (13) A1

(21) PCT/EP97/05766

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 96307495.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) GB et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08G 18/40, 18/48

(54) POLYOL COMBINATION
COMBINAISON DE POLYOLS

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **BASTIN, Benoit, Etienne, Jean-Marie, Ghislain**; Avenue Jean Monnet 1, B-1348 Ottignies-Louvain-la-Neuve (BE). **BOELENS, Mark, Maria, Herman, Alma**; Avenue Jean Monnet 1, B-1348 Ottignies-Louvain-la-Neuve (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16568** (13) A1

(21) PCT/EP97/05558

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

- (31) 08/728,920 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (31) 08/728,922 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (31) 08/728,923 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08G 18/48, 18/10, D01F 6/70
 (54) IMPROVED SPANDEX ELASTOMERS ELASTOMERES DE TYPE SPANDEX PERFECTIONNES
 (71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, Suite 238, 4001 Kennett Pike, Greenville, DE 19807 (US). *(for all designated States except / pour tous les États désignés sauf MN)*
 (71) **ARCO CHEMICAL TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, NL-3197 KM Botlek (NL). *(only for / seulement pour MN)*
 (72) **SENEKER, Stephen**; H.C. 83, Box 99C, Sissonville, WV 25320 (US). **LAWREY, Bruce**; Apartment 15, 1621 Virginia Street East, Charleston, WV 25311 (US).
 (74) **CROPP, John, Anthony, David**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (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 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 98/16569** (13) A1
 (21) PCT/US97/18660
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 60/028,647 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (31) 08/950,210 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08G 63/78, 63/183, 63/189, C08K 3/32, 3/34
 (54) PROCESS FOR MAKING POLYESTERS CONTAINING LOW CONCENTRATIONS OF DIETHYLENE GLYCOL PROCEDE DE PRODUCTION DE POLYESTERS CONTENANT DE FAIBLES CONCENTRATIONS DE DIETHYLENE-GLYCOL
 (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
 (72) **BOWERS, David, Taylor**; 4244 Reservoir Road, Kingsport, TN 37660 (US). **JONES, Ronnie, Jay** (deceased / décédé). **CLIFFTON, Michael, Duane**; 1080 Hidden Valley Road, Kingsport, TN 37663 (US). **KNIGHT, Joseph, Franklin**; 1305 White Street, Kingsport, TN 37664 (US). **QUILLEN, Donna, Rice**; 1105 Sussex Drive, Kingsport, TN 37660 (US).
 (74) **HARDING, Karen, A.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
 (81) CA JP MX SG; 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 98/16570** (13) A1
 (21) PCT/US97/19469
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 08/728,961 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08G 69/40, D21H 23/04, B65D 65/14, 65/46, C09J 177/00, C08K 5/20
 (54) PAPER MAKING METHOD EMPLOYING BAG WITH HOT MELT SEALED CLOSURE PROCEDE DE FABRICATION DE PAPIER INTEGRANT UN SAC AVEC FERMETURE SCHELEE PAR COLLE THERMOFUSIBLE
 (71) **H.B. FULLER LICENSING & FINANCING, INC.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US).
 (72) **AHMED, Sharf, U.**; 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) AU CA CN JP.
 Published / Publiée : (c)
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- (11) **WO 98/16571** (13) A1
 (21) PCT/US97/18230
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) en (26) en
 (31) 08/729,599 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (31) 08/932,018 (32) **17 Sep/sep 1997 (17.09.1997)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08J 3/00, C08K 3/20, C08L 75/00, C09J 4/00, 101/00, 201/00, B05D 1/36, 1/40, 3/02, 3/04, 3/10, 5/00
 (54) TWO PART POLYURETHANE-BASED ADHESIVE SYSTEM AND METHOD OF USING SAME SYSTEME ADHESIF A DEUX PARTIES A BASE DE POLYURETHANE ET SON PROCEDE D'UTILISATION
 (71) **POLYFOAM PRODUCTS, INC.** [US/US]; P.O. Box 1132, Spring, TX 77383-1132 (US).
 (72) **MURRAY, Pat, L.**; 3614 Beech Hill, Spring, TX 77388 (US).
 (74) **ROMMELMANN, Douglas, W.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, P.C., 10th floor, 1177 West Loop South, Houston, TX 77027-9095 (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).
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- (11) **WO 98/16572** (13) A1
 (21) PCT/AT97/00215
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) de (26) de
 (31) 08/731,422 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
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- (31) A 1798/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) AT
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08J 5/18, A61C 15/04
 (54) LOW-FIBRILLATION MOULDED BODY CORPS FAÇONNE FAIBLEMENT FIBRILLE
 (71) **LENZING AKTIENGESELLSCHAFT** [AT/AT]; Werkstrasse 2, A-4860 Lenzing (AT). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **WIMMER, Adalbert** [AT/AT]; Am Tennisplatz 1, A-4840 Vöcklabruck (AT).
 (74) **NEMEC, Harald**; Lenzing AG, Patentwesen, Werkstrasse 2, A-4860 Lenzing (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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)
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- (11) **WO 98/16573** (13) A1
 (21) PCT/JP97/03643
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) ja (26) ja
 (31) 8/269753 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP
 (31) 9/10043 (32) **23 Jan/jan 1997 (23.01.1997)** (33) JP
 (31) 9/150937 (32) **9 Jun/juin 1997 (09.06.1997)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C08J 5/18, B32B 15/08, B29C 55/02 // C08L 67:00, B29K 67:00, B29L 7:00
 (54) BIAXIALY ORIENTED POLYESTER FILM FOR LAMINATION WITH METAL SHEETS FILM POLYESTER A ORIENTATION BIAZIALE DESTINE A ETRE STRATIFIE AVEC DES FEUILLES DE METAL
 (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **KUBO, Koji** [JP/JP]; Teijin Limited, Sagami-hara Research Center, 37-19, Oyama 3-chome, Sagami-hara-shi, Kanagawa 229 (JP). **MUROOKA, Hirofumi** [JP/JP]; Teijin Limited, Sagami-hara Research Center, 37-19, Oyama 3-chome, Sagami-hara-shi, Kanagawa 229 (JP). **KOSUGE, Masahiko** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791 (JP). **KIMURA, Manabu** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791 (JP).
 (74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160 (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 98/16574** (13) A1
 (21) PCT/US97/15623
 (22) **5 Sep/sep 1997 (05.09.1997)**
 (25) en (26) en
 (31) 08/731,422 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08J 9/00 // C08L 25:04

(54) HEAT STABILIZED, FLAME RETARDANT STYRENIC POLYMER FOAM COMPOSITIONS COMPOSITIONS DE MOUSSE POLYMERES STYRENIQUES IGNIFUGES STABILISEES THERMIQUEMENT

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1780 (US).

(72) **BOOKS, Jeffrey, T.**; 15721 Hewwood Avenue, Baton Rouge, LA 70816 (US). **LANDRY, Susan, D.**; 6010 Durande Drive, Baton Rouge, LA 70820 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent and Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1780 (US).

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

(11) **WO 98/16575** (13) A1

(21) PCT/US97/13843

(22) **5 Aug/Août 1997 (05.08.1997)**

(25) en (26) en

(31) 08/730,177 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 08/735,271 (32) **22 Oct/oct 1996 (22.10.1996)** (33) US

(31) 08/746,825 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08J 9/12, 9/14

(54) A SHORT TIME FRAME PROCESS FOR PRODUCING EXTRUDED CLOSED CELL LOW DENSITY PROPYLENE POLYMER FOAMS PROCEDE DE PRODUCTION RAPIDE DE MOUSSES EXTRUDEES DE POLYMERES DE PROPYLENE DE FAIBLE DENSITE ET A ALVEOLES FERMEES

(71) **TENNECO PROTECTIVE PACKAGING INC.** [US/US]; 1275 King Street, Greenwich, CT 06831 (US).

(72) **WILKES, Gary, R.**; 41 Knollwood Drive, Saratoga Springs, NY 12866 (US). **STIMLER, Jeffrey, J.**; 14 Kettles Way, Queensbury, NY 12804 (US). **BLY, Kim, A.**; 10 River Street, Queensbury, NY 12804 (US). **DUNBAR, Harris, A.**; 35 County Road 10, Corinth, NY 12804 (US). **UHL, Eugene, R.**; 140 Camelot Court, Russell, KY 41169 (US).

(74) **HELLER, Paul, H.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AU CA JP MX NO PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16576** (13) A1

(21) PCT/EP97/05515

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 196 42 421.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08J 9/40, 9/35

(54) BINDING AGENT COMPOSITION COMPOSITION A BASE DE LIANT

(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) **KLUTH, Hermann** [DE/DE]; An der Garather Motte 22, D-40595 Düsseldorf (DE). **KLAUCK, Wolfgang** [DE/DE]; Neuer Weg 30, D-40670 Meerbusch (DE). **HÜBNER, Wilfried** [DE/DE]; Richrather Strasse 64, D-40764 Langenfeld (DE). **KOLENDA, Felicitas** [DE/DE]; Lindenstrasse 5, D-40789 Monheim (DE).

(81) AU BR CA CN JP NO PL 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 98/16577** (13) A1

(21) PCT/JP97/03680

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/272134 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08K 5/56, 5/01, C09B 67/20, B29C 33/14, C08L 25/06

(54) ORGANIC PIGMENT FOR COLORING SYNDIOTACTIC POLYSTYRENE (SPS) STRUCTURE, COLORANT FOR COLORING SPS, AND STYRENIC RESIN COMPOSITION PIGMENT ORGANIQUE SERVANT A COLO- RER UNE STRUCTURE DE POLYSTYRENE SYNDIOTACTIQUE (SPS), COLORANT SERVANT A COLO- RER LA SPS ET COMPOSITION DE RESINE STYRENIQUE

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108 (JP).

(72) **AZUMA, Yutaka**; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-01 (JP). **SATOU, Kouji**; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-01 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-01 (JP).

(81) DE.

(11) **WO 98/16578** (13) A1

(21) PCT/EP97/05313

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 196 42 288.4 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08K 11/00, B29C 43/00 // (C08K 11/00, 11:00, 11:00)

(54) AMORPHOUS, COLOURED AND CRISTAL- LIZABLE PLATE, AND MANUFACTURING FROM SAME A CRISTALLIZABLE MOULD OF A HIGH AND HOMOGENEOUS THERMO- STABILITY PLAQUE AMORPHE, COLOREE ET CRISTAL- LISABLE, ET FABRICATION A PARTIR DE CELLE-CI D'UN MOULE CRISTALLISE DE THERMOSTABILITE ELEVEE ET HOMOGENE

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURSCHALL, Ursula** [DE/DE]; Im Bacchuswinkel 11, D-55283 Nierstein (DE). **BRUNOW, Rainer** [DE/DE]; Weingasse 5, D-65817 Eppstein (DE).

(81) AU BG BR BY CA CN CZ HU ID IL JP KR MX NO NZ PL RO RU SG SI TR UA US; EP (AT BE CH DE DK ES FI FR 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 98/16579** (13) A1

(21) PCT/US97/16056

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) en (26) en

(31) 08/731,420 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08K 13/02, C08L 25/02, C08J 3/22 // (C08K 13/02, 3:34, 5:02, 5:098)

(54) HEAT STABILIZED, FLAME RETARDANT THERMOPLASTIC POLYMER COMPOSITIONS COMPOSITIONS POLYMERES THERMOPLAS- TIQUES IGNIFUGES STABILISEES THERMI- QUEMENT

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1780 (US).

(72) **BOOKS, Jeffrey, T.**; 15721 Hewwood Avenue, Baton Rouge, LA 70816 (US). **LANDRY, Susan, D.**; 6010 Durande Drive, Baton Rouge, LA 70820 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1780 (US).

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

(11) **WO 98/16580** (13) A1

(21) PCT/JP97/02309

(22) **3 Jul/juil 1997 (03.07.1997)**

(25) ja (26) ja

(31) 8/270841 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C08L 21/00, C08K 3/36, 3/04, F16F 1/36, 15/08 // (C08L 21/00, 45:02)

(54) HIGHLY DAMPING RUBBER COMPOSITION COMPOSITION A BASE DE CAOUTCHOUC HAUTEMENT AMORTISSANTE

(71) **THE YOKOHAMA RUBBER CO., LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OISHI, Hideyuki** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake Hiratsuka City, Kanagawa Prefecture 245 (JP).

(74) **WATANABE, Mochitoshi** et al. / etc.; 4F Chiyoda-Iwamoto Building, 2-2, Iwamoto-cho 3-chome, Chiyoda-ku, Tokyo 101 (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 98/16581** (13) A1

(21) PCT/US97/18423

- (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 60/028,501 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 27/18, C08J 3/03, 3/09, 5/18, 5/22, D01F 6/32, C08J 7/04
- (54) COMPOSITIONS CONTAINING PARTICLES OF HIGHLY FLUORINATED ION EXCHANGE POLYMER
 COMPOSITIONS CONTENANT DES PARTICULES D'UN POLYMERE ECHANGEUR D'IONS HAUTEMENT FLUORE
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **CURTIN, Dennis, Edward**; 2704 Plainfield Court, Fayetteville, NC 28304 (US). **HOWARD, Edward, George, Jr.**; 844 Old Public Road, Hockessin, DE 19707 (US).
- (74) **HENDRICKSON, John, S.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AU BR 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 98/16582** (13) A1
 (21) PCT/US97/18773
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/732,108 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 53/02, 53/00, 23/08, 25/02
- (54) BLENDS OF ELASTOMER BLOCK COPOLYMER AND ALIPHATIC ALPHA-OLEFIN/MONOVINYLDENE AROMATIC MONOMER AND/OR HINDERED ALIPHATIC VINYLIDENE MONOMER INTERPOLYMER
 MELANGES D'UN COPOLYMER SEQUENCE ELASTOMERE, D'UN MONOMERE AROMATIQUE ALPHA-OLEFINO/NONOVINYLDENE ET/OU D'UN INTERPOLYMERE MONOMERE VINYLIDENE ALIPHATIQUE INHIBE
- (63) US 08/732,108 (CIP)
 15 Oct/oct 1996 (15.10.1996)
- (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) **ESNEAULT, Calvin, P.** [US/US]; 14776 Colonel Allen Court, Baton Rouge, LA 70816 (US). **EDMONSON, Morris, S.** [US/US]; Route 7, 130 Mohawk Drive, Alvin, TX 77511 (US). **CHEUNG, Yunwa, W.** [US/US]; Apartment 810, 510 That Way, Lake Jackson, TX 77566 (US). **GUEST, Martin, J.** [GB/US]; 106 Greenbriar, Lake Jackson, TX 77566 (US). **HO, Thoi, H.** [US/US]; 54 Orchid Court, Lake Jackson, TX 77566 (US). **SPETH, David, R.** [US/US]; 1207 Evamar Drive, Midland, MI 48640 (US).
- (74) **CARTER, James, G.**; 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 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 98/16583** (13) A1
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 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 96202886.6 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP
 (34) NL et al. / etc.
 (31) 60/031,461 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 67/00, C08G 18/42, 18/38
- (54) FILM FORMING BINDER FOR COATING COMPOSITIONS AND COATING COMPOSITIONS COMPRISING SAME
 LIANT FILMOGENE DESTINE A DES COMPOSITIONS DE REVETEMENT ET COMPOSITIONS DE REVETEMENT COMPRENANT CELUI-CI
- (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) **VANDEVOORDE, Paul, Marie** [BE/BE]; Kloosterstraat 57, B-2910 Essen (BE). **VAN ENGELEN, Antonius, Hendrikus, Gerardus** [NL/NL]; Juweelstraat 26, NL-2403 BL Alphen aan de Rijn (NL).
- (74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) BR CA CN JP KR 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 98/16584** (13) A1
 (21) PCT/EP97/05203
 (22) **23 Sep/sep 1997 (23.09.1997)**
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 (31) 196 42 491.7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 71/12, 25/04, 53/02, C08K 3/34
- (54) NONFLAMMABLE MOULDABLE MATERIAL BASED ON POLYPHENYLENE ESTERS AND VINYL AROMATIC POLYMERS
 MATIERE MOULABLE ININFLAMMABLE A BASE D'ESTERS DE POLYHENYLENE ET DE POLYMERES VINYLAROMATIQUES
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEBER, Martin** [DE/DE]; Diederfeldter Strasse 26, D-67487 Maikammer (DE). **HORN, Peter** [DE/DE]; Neue Stücker 15, D-69118 Heidelberg (DE). **HECKMANN, Walter** [DE/DE]; Gejersbergstrasse 2, D-69469 Weinheim (DE). **MÜLLER, Ulrich** [DE/DE]; Birkenweg 16, D-67434 Neustadt (DE). **GOTTSCHALK, Axel** [DE/DE]; Hirschhornring 33, D-67435 Neustadt (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
- (81) AL AU BG BR BY CA CN CZ GE HU 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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- (11) **WO 98/16585** (13) A1
 (21) PCT/JP97/03739
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) ja (26) ja
 (31) 8/293153 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (31) 8/336364 (32) **2 Dec/déc 1996 (02.12.1996)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 81/02
- (54) RESIN COMPOSITION
 COMPOSITION A BASE DE RESINE
- (71) **KUREHA KAGAKU KOGYO K.K.** [JP/JP]; 9-11, Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 103 (JP).
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- (72, 75) **SUZUKI, Keiichiro** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974 (JP). **TADA, Masahito** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974 (JP).
- (74) **NISHIKAWA, Shigeaki**; Visual City 401, 43-8, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116 (JP).
- (81) CN 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 98/16586** (13) A1
 (21) PCT/US97/16371
 (22) **12 Sep/sep 1997 (12.09.1997)**
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 (31) 60/028,126 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (31) Not furnished / non communiqué (32) **11 Sep/sep 1997 (11.09.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C08L 91/06, C08J 5/20
- (54) NONAQUEOUS DRAG REDUCING SUSPENSIONS
 SUSPENSIONS NON AQUEUSES LIMITANT LA TRAINEE
- (71) **CONOCO INC.** [US/US]; 1000 South Pine Street, Ponca City, OK 74602-1267 (US).
- (72) **JOHNSTON, Ray, L.**; Route 2, #6 Kimball Road, Ponca City, OK 74604 (US). **LEE, Yung, N.**; 4 Nightingale Lane, Ponca City, OK 74604 (US).
- (74) **SCHUPBACH, Cortlan, R.** et al. / etc.; Conoco Inc., 1000 South Pine Street, Ponca City, OK 74602-1267 (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).

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- (11) **WO 98/16587** (13) A1
 (21) PCT/JP97/03637
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- (25) ja (26) ja
 (31) 8/269985 (32) **11 Oct/oct 1996** (33) JP
 (11.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09B 29/20, C09D 7/12, 11/00, C08J 3/20
 (54) AZO COMPOUNDS AND PROCESS FOR PREPARING THE SAME
 COMPOSES AZO ET LEUR PROCEDE DE PREPARATION
 (71) **KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO** [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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 (72, 75) **UENO, Ryuzo** [JP/JP]; 10-27, Nango-cho, Nishinomiya-shi, Hyogo 662 (JP). **KITAYAMA, Masaya** [JP/JP]; 3-76, Yamamotohigashi, Takarazuka-shi, Hyogo 665 (JP). **MINAMI, Kenji** [JP/JP]; 3-15-2, Onosato, Sennan-shi, Osaka 590-05 (JP). **WAKAMORI, Hiroyuki** [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-31 (JP).
 (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 98/16588** (13) A1

(21) PCT/JP97/02679

(22) **1 Aug/Août 1997 (01.08.1997)**

- (25) ja (26) ja
 (31) 8/271005 (32) **14 Oct/oct 1996** (33) JP
 (14.10.1996)
 (31) 9/129534 (32) **20 May/mai 1997** (33) JP
 (20.05.1997)
 (31) 9/140486 (32) **29 May/mai 1997** (33) JP
 (29.05.1997)
 (31) 9/146892 (32) **4 Jun/juin 1997** (33) JP
 (04.06.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09B 47/18, B41M 5/26, G11B 7/24
 (54) PHTHALOCYANINE COMPOUNDS, PROCESS FOR PREPARING THE SAME, AND OPTICAL RECORDING MEDIUM MADE USING THE SAME
 COMPOSES DE PHTHALOCYANINE, PROCEDE DE PREPARATION DESDITS COMPOSES ET SUPPORT D'ENREGISTREMENT OPTIQUE LES COMPRENANT
 (71) **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **AOKI, Minoru** [JP/JP]; 62-2-6, Misono 4-chome, Moriyamachi, Kitasouma-gun, Ibaraki 302-01 (JP). **KAIEDA, Osamu** [JP/JP]; 1-6-9, Nishinenishi, Tsuchiura-shi, Ibaraki 300 (JP). **MASUDA, Kiyoshi** [JP/JP]; 280 Escardo, 1103, Ushiku-cho, Ushiku-shi, Ibaraki 300-12 (JP). **OKUMURA, Yasunori** [JP/JP]; 8-1-306, Inodai 3-chome, Toride-shi, Ibaraki 302 (JP).
 (74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102 (JP).
 (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16589** (13) A1

(21) PCT/EP97/05663

- (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) de (26) de
 (31) 08/720,977 (32) **16 Oct/oct 1996** (33) US
 (16.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09D 5/34, 133/06, C09K 3/10
 (54) USE OF POLYMER DISPERSIONS AS BINDING AGENTS FOR SEALING COMPOUNDS AND COATING COMPOUNDS
 UTILISATION DE DISPERSIONS DE POLYMERE COMME LIANTS POUR PRODUITS D'ETANCHEITE OU DE REVETEMENT
 (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ZHAO, Cheng-Le** [TJ/DE]; Schälzigweg 39, D-68723 Schwetzingen (DE). **WISTUBA, Eckehardt** [DE/DE]; Im Obergraten 7, D-67098 Bad Dürkheim (DE). **ROSER, Joachim** [DE/DE]; Richard-Wagner-Strasse 55, D-68165 Mannheim (DE). **FITZGERALD, Paul** [CA/US]; 4749 Avonwood Lane, Charlotte, NC 28270 (US). **SPITZER, Jan** [CA/US]; 6643 Lyndonville Drive, Charlotte, NC 28277 (US).
 (74) **REITSTÖTTER, KINZEBACH & PARTNER**; Sternwartstrasse 4, D-81679 München (DE).
 (81) AL AM AU AZ BG BR BY CA CN CZ GE HU ID IL JP KG KR KZ LT LV MD MX NO NZ PL RO RU SG SI SK TJ TM 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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- (25) en (26) en
 (31) 9621533.0 (32) **16 Oct/oct 1996** (33) GB
 (16.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09D 11/00, 11/10
 (54) RADIATION CURABLE INK COMPOSITION AND ITS USE
 COMPOSITION D'ENCRE DURCISSANT SOUS L'EFFET DE RADIATIONS ET SON UTILISATION
 (71) **WILLETT INTERNATIONAL LIMITED** [GB/GB]; 3 Cronin Road, Weldon South Industrial Estate, Corby, Northants NN18 8AQ (GB).
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 (72, 75) **MOGILEVICH, Irene Mikhailovna** [RU/RU]; Willett International Limited, 3 Cronin Road, Weldon South Industrial Estate, Corby, Northants NN18 8AQ (GB).
 (74) **DUMMETT, Thomas, Ian, Peter** et al. / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (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 98/16591** (13) A1

(21) PCT/US97/02849

(22) **24 Feb/fév 1997 (24.02.1997)**

- (25) en (26) en
 (31) 08/731,351 (32) **11 Oct/oct 1996** (33) US
 (11.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09J 4/06, C08F 220/18
 (54) STABILIZED ADHESIVE MICROSPHERES
 MICROSPHERES ADHESIVES STABILISEES
 (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (72) **CRANDALL, Michael, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KESTI, Michael, R.**; 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) 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 YU; AP (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 98/16592** (13) A1

(21) PCT/US96/16352

(22) **15 Oct/oct 1996 (15.10.1996)**

- (25) en (26) en
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C09K 7/00
 (54) CORROSION INHIBITOR FOR WELLBORE APPLICATIONS
 INHIBITEUR DE CORROSION DESTINE A DES APPLICATIONS DE FORAGE
 (71) **PHILLIPS PETROLEUM COMPANY** [US/US]; P.O. Box 2443, Bartlesville, OK 74005 (US).
 (72) **WU, Yulin**; 1054 Meadow Drive, Bartlesville, OK 74006 (US).
 (74) **FISH, John, M., Jr.** et al. / etc.; Richmond, Phillips, Hitchcock & Fish, P.O. Box 2443, Bartlesville, OK 74005 (US).
 (81) CA CN NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16593** (13) A1

(21) PCT/FR97/01839

(22) **15 Oct/oct 1997 (15.10.1997)**

- (25) fr (26) fr
 (31) 96/12550 (32) **15 Oct/oct 1996** (33) FR
 (15.10.1996)
 (31) 96/12551 (32) **15 Oct/oct 1996** (33) FR
 (15.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C10B 7/14

(54) METHOD AND PLANT FOR TREATING SOLID WASTE PRODUCTS BY THERMOLYSIS
PROCEDE ET INSTALLATION POUR LE TRAITEMENT DE DECHETS SOLIDES PAR THERMOLYSE

(71) **SOCIETE FRANCAISE DE THERMOLYSE** [FR/FR]; Zone Industrielle des Iscles, Avenue des Confignes, F-13160 Chateaubernard (FR).
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(72, 75) **CLOT, Guy** [FR/FR]; Impasse du Midi, Serviers La Baume, F-30700 Uzès (FR). **ROURE, Jean** [FR/FR]; Mas Polonais, Chemin du Mas Moulard, F-13210 Saint-Rémy-de-Provence (FR).

(74) **RINUY, SANTARELLI**; 14, avenue de la Grande Armée, Boîte postale 237, F-75822 Paris Cedex 17 (FR).

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

(11) **WO 98/16594** (13) A1

(21) PCT/FR97/01838

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) fr (26) fr

(31) 96/12550 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(31) 96/12551 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10B 53/00, 7/14

(54) PLANT FOR TREATING WASTE PRODUCTS BY INJECTING HOT GAS IN THE LOAD TO BE TREATED AND RECYCLING THE RESULTING THERMOLYSIS GASES
INSTALLATION DE TRAITEMENT DE DECHETS PAR INJECTION DE GAZ CHAUDS DANS LA CHARGE A TRAITER ET RECYCLAGE DES GAZ DE THERMOLYSE PRODUITS

(71) **SOCIETE FRANCAISE DE THERMOLYSE** [FR/FR]; Zone Industrielle des Iscles, Avenue des Confignes, F-13160 Chateaubernard (FR).
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(72, 75) **ROURE, Jean** [FR/FR]; Mas Polonais, Chemin du Mas Moulard, F-13210 Saint-Rémy-de-Provence (FR). **CLOT, Guy** [FR/FR]; Impasse du Midi, Serviers la Baume, F-30700 Uzès (FR).

(74) **RINUY, SANTARELLI**; 14, avenue de la Grande Armée, Boîte postale 237, F-75822 Paris Cedex 17 (FR).

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

(11) **WO 98/16595** (13) A1

(21) PCT/EP97/05514

(22) **8 Oct/oct 1997 (08.10.1997)**

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(31) 196 42 494.1 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10G 75/04, E21B 37/06, C10L 1/22, 1/14, 10/00

(54) USE OF SARCOINATES AS ASPHALTENE DISPERSANTS
UTILISATION DE SARCOINATES COMME DISPERSANTS D'ASPHALTENE

(71) **CLARIANT GMBH** [DE/DE]; Brüningsstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **MILLER, Dennis**; Breslauerstrasse 20, D-65779 Kelkheim (DE). **VOLLMER, Axel**; Beethovensstrasse 16, D-65830 Krieffel (DE). **FEUSTEL, Michael**; Auf der Nonnenwiese 34, D-55278 Königernheim (DE). **KLUG, Peter**; Lessingstrasse 86, D-63762 Großostheim (DE).

(81) BR BY CA CN HU JP KR MX NO RU SG TR UA; EP (AT BE CH DE DK ES FI FR 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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(31) 9621262.6 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10L 1/18, 1/22

(54) LUBRICITY ADDITIVES FOR FUEL OIL COMPOSITIONS
ADDITIFS A POUVOIR LUBRIFIANT DESTINES A DES COMPOSITIONS DE MAZOUT

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US).
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(72, 75) **CAPROTTI, Rinaldo** [IT/GB]; 5 Cumnor Rise Road, Oxford, Oxfordshire OX2 9HD (GB). **LE DEORE, Christophe** [FR/GB]; 8 Cumnor Road, Farmoor, Oxfordshire OX2 9NS (GB).

(74) **NORTHOVER, Robert, Frank** et al. / etc.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB).

(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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16597** (13) A1

(21) PCT/EP97/05109

(22) **15 Sep/sep 1997 (15.09.1997)**

(25) en (26) en

(31) 9621231.1 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10L 1/18

(54) FUEL COMPOSITION CONTAINING LUBRICITY ADDITIVE
COMPOSITION DE CARBURANT CONTENANT UN ADDITIF A POUVOIR LUBRIFIANT

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US).
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(72, 75) **CAPROTTI, Rinaldo** [IT/GB]; 5 Cumnor Rise, Oxford, Oxfordshire OX2 9HD (GB).

(74) **NORTHOVER, Robert, Frank** et al. / etc.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB).

(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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10L 1/22, C08G 65/26

(54) FUEL COMPOSITIONS
COMPOSITIONS DE CARBURANT

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **LIN, Jiang, Jen**; 15031 Rock Knoll Drive, Houston, TX 77083 (US). **WEAVER, Sarah, Louise**; 2514 Kingston Drive, Houston, TX 77014 (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 LR 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 (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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(22) **11 Oct/oct 1996 (11.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C10L 1/22, C08G 65/26

(54) FUEL COMPOSITIONS
COMPOSITIONS DE CARBURANT

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **LIN, Jiang, Jen**; 15031 Rock Knoll Drive, Houston, TX 77083 (US). **MACIAS, James, Robert**; 19314 Wildoats, Houston, TX 77083 (US). **WEAVER, Sarah, Louise**; 2514 Kingston Drive, Houston, TX 77014 (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 LR 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 (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 98/16600** (13) A1

(21) PCT/EP97/05106

(22) **15 Sep/sep 1997 (15.09.1997)**

- (25) en (26) en (25) en (26) en (43) 23 Apr/avr 1998 (23.04.1998)
- (31) 9621261.8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB (43) 23 Apr/avr 1998 (23.04.1998)
- (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ C10L 1/24 (51)⁶ C11D
- (51)⁶ C10L 1/22, 10/04 (54) FUEL COMPOSITIONS COMPOSITIONS DE CARBURANT (54) DETERGENT COMPOSITIONS CONTAINING ISOPEPTIDASE COMPOSITIONS DETERGENTES COMPRENANT UNE ISOPEPTIDASE
- (54) LUBRICITY ADDITIVES FOR FUEL OIL COMPOSITIONS ADDITIFS A POUVOIR LUBRIFIANT DESTINES A DES COMPOSITIONS DE MAZOUT (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). (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)
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). (for all designated States except / pour tous les États désignés sauf US) (72) **EDWARDS, Charles, Lee;** 12526 Piping Rock, Houston, TX 77077 (US). (72, 75) **GREEN, Phillip, Richard** [US/US]; 540 Compton Road, Wyoming, OH 45231-5006 (US).
- (72, 75) **CAPROTTI, Rinaldo** [IT/GB]; 5 Cumnor Rise Road, Oxford, Oxfordshire OX2 9HD (GB). **LE DEORE, Christophe** [FR/GB]; 8 Cumnor Road, Farmoor, Oxfordshire OX2 9NS (GB). (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (74) **NORTHOVER, Robert, Frank** et al. / etc.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB). (81) BR CA CN JP MX TR 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 98/16605** (13) A1 (21) PCT/US97/18292 (22) **10 Oct/oct 1997 (10.10.1997)** (25) en (26) en (31) 08/729,474 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ C11D 1/74, 1/72, 1/825, 3/48, 3/43, 3/18, 3/50 (54) ALL PURPOSE LIQUID CLEANING COMPOSITIONS COMPOSITIONS DE NETTOYAGE LIQUIDE A USAGES MULTIPLES (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US). (72) **BLANVALET, Claude;** 61, rue Bossy, B-4031 Angleur (BE). **LAMBREMONT, Yves;** 47, avenue Sluysmans, B-4030 Grivegnée (BE). (74) **NANFELDT, Richard, E.;** Colgate-Palmolive Company, 909 River Road, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- Published / Publiée : (c)
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- (11) **WO 98/16606** (13) A1 (21) PCT/US97/17459 (22) **30 Sep/sep 1997 (30.09.1997)** (25) en (26) en (31) 08/731,653 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ C11D 1/94, 3/04, 3/43 (54) LOW ODOR, HARD SURFACE CLEANER WITH ENHANCED SOIL REMOVAL PRODUIT DE NETTOYAGE A ODEUR FAIBLE POUR SURFACES DURES AVEC ELIMINATION ACCRUE DE LA SALETE
-
- (11) **WO 98/16601** (13) A1 (21) PCT/EP97/05107 (22) **15 Sep/sep 1997 (15.09.1997)** (25) en (26) en (31) 9621263.4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ C10L 1/22 (54) LUBRICITY ADDITIVES FOR FUEL OIL COMPOSITIONS ADDITIFS A POUVOIR LUBRIFIANT DESTINES A DES COMPOSITIONS DE MAZOUT (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). (for all designated States except / pour tous les États désignés sauf US) (72, 75) **CAPROTTI, Rinaldo** [IT/GB]; 5 Cumnor Rise Road, Oxford, Oxfordshire OX2 9HD (GB). **LE DEORE, Christophe** [FR/GB]; 8 Cumnor Road, Farmoor, Oxfordshire OX2 9NS (GB). (74) **NORTHOVER, Robert, Frank** et al. / etc.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB). (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU 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 UZ VN; 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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- Published / Publiée : (c)
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- (11) **WO 98/16602** (13) A1 (21) PCT/EP96/04431 (22) **11 Oct/oct 1996 (11.10.1996)** (25) en (26) en (31) 60/028,496 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ C10M 173/02 // (C10M 173/02, 129:16, 129:40, 133:04, 145:28) (54) LUBRICANTS FOR CONVEYOR BELT INSTALLATIONS IN THE FOOD INDUSTRY LUBRIFIANTS DESTINES A DES INSTALLATIONS A BANDE TRANSPORTEUSE DANS L'INDUSTRIE ALIMENTAIRE (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) **THEYSSSEN, Holger;** Diversey Lever, Adolfsallee 36, D-65185 Wiesbaden (DE). **LAPING, Karl, Heinz;** Diversey Lever, Adolfsallee 36, D-65185 Wiesbaden (DE). **WIEMER, Stefan;** Diversey Lever, Adolfsallee 36, D-65185 Wiesbaden (DE). (74) **ROSEN JACOBSON, Frans;** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- Published / Publiée : (c)
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- (11) **WO 98/16604** (13) A2 (21) PCT/US97/18426 (22) **14 Oct/oct 1997 (14.10.1997)** (25) en (26) en (31) 60/028,496 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

- (71) **THE CLOROX COMPANY** [US/US]; 1221 Broadway, Oakland, CA 94612 (US).
- (72) **ROBBINS, Michael**; 170 Village Court #4, Walnut Creek, CA 94596 (US). **JULIAN, Jennifer, C.**; 18682 West Cavendish Drive, Castro Valley, CA 94552 (US).
- (74) **HAYASHIDA, Joel, J.** et al. / etc.; 1221 Broadway, Oakland, CA 94612 (US).
- (81) AU BR CA CN JP KR MX PL RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16607** (13) A2

(21) PCT/EP97/05711

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621436.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/00

(54) ENZYMATIC COMPOSITIONS
COMPOSITION ENZYMATIQUE

(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) **PAS, Johannes, Cornelis, van de**; Unilever Research Vlaardingen Lab., Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **DIJK, Willem, R., van**; Van den Bergstraat 36, NL-3263 EB Oud Beijerland (NL). **OÜWENDIJK, Marja**; Unilever Research Vlaardingen Lab., Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **REED, David, Alan**; Unilever Research Port Sunlight Lab., Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). **THOMAS, Lisa, Jane**; Unilever Research Port Sunlight Lab., Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16608** (13) A2

(21) PCT/US97/18565

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,410 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/00

(54) ASYMMETRICAL CATIONIC BLEACH ACTIVATORS AND COMPOSITIONS EMPLOYING THE SAME

ACTIVATEURS DE BLANCHIMENT ASYMETRIQUES CATIONIQUES ET COMPOSITIONS CONTENANT CES DERNIERS

(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) **MIRACLE, Gregory, Scot** [US/US]; 3065 Old Oxford Road, Hamilton, OH 45013 (US). **KOTT, Kevin, Lee** [US/US]; 2920 Bentbrook Drive, Cincinnati, OH 45251 (US). **SIVIK, Mark, Robert** [US/US]; Apartment F, 40 Clubhouse Lane, Fairfield, OH 45014 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16609** (13) A2

(21) PCT/US97/18568

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,123 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 60/038,222 (32) **19 Feb/fév 1997 (19.02.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/00

(54) ASYMMETRICAL BLEACH ACTIVATORS AND COMPOSITIONS EMPLOYING THE SAME
ACTIVATEURS ASYMETRIQUES DE BLANCHIMENT ET COMPOSITIONS LES UTILISANT

(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) **MIRACLE, Gregory, Scot** [US/US]; 3065 Old Oxford Road, Hamilton, OH 45013 (US). **KOTT, Kevin, Lee** [US/US]; 2920 Bentbrook Drive, Cincinnati, OH 45251 (US). **DYKSTRA, Robert, Richard** [US/US]; 32-A Clubhouse Lane, Fairfield, OH 45014 (US). **SCIALLA, Stefano** [IT/IT]; Viale dei Caduti nella Guerra di Liberazione, 131, I-00128 Rome (IT).

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

(11) **WO 98/16610** (13) A2

(21) PCT/US97/18569

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,124 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/00

(54) ASYMMETRICAL IMIDE BLEACH ACTIVATORS AND COMPOSITIONS EMPLOYING THE SAME
ACTIVATEURS DE BLANCHIMENT A BASE D'IMIDE ASYMETRIQUE ET COMPOSITIONS LES UTILISANT

(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) **MIRACLE, Gregory, Scot** [US/US]; 3065 Old Oxford Road, Hamilton, OH 45013 (US). **KOTT, Kevin, Lee** [US/US]; 2920 Bentbrook Drive, Cincinnati, OH 45251 (US). **DYKSTRA, Robert, Richard** [US/US]; 32-A Clubhouse Lane, Fairfield, OH 45014 (US). **BURCKETT-ST. LAURENT, James, Charles, Theophile, Roger** [GB/US]; 11477 Gideon Lane, Cincinnati, OH 45249 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16611** (13) A1

(21) PCT/US96/16238

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/20, 17/00

(54) LAUNDRY BAR COMPOSITIONS COMPRISING DIHYDRIC ALCOHOL COMPOSITIONS DE PAINS DE LESSIVE COMPRENANT DE L'ALCOOL DIHYDRIQUE

(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) **DEE, Kennie, Uy** [PH/PH]; 22A Sgt. Es-guerra Street, Quezon City (PH). **LATOGA, Gerard, Abellera** [PH/PH]; 173 Zanduetta Street, San Fernando, La Union (PH).

(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 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 (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 98/16612** (13) A1

(21) PCT/US96/16651

(22) **17 Oct/oct 1996 (17.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/37

(54) A DETERGENT COMPOSITION COMPRISING A TERPOLYMER COMPOSITION DETERGENTE CONTENANT UN COPOLYMERE TRIPLE

(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) **FABICON, Ronaldo, Musico** [PH/CN]; Room 1305, TP Plaza, 9/109 Liu Hua Road, Guangzhou (CN).

- (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 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 (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 98/16613** (13) A1

(21) PCT/US96/16652

(22) **17 Oct/oct 1996 (17.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/37

(54) A METHOD OF WASHING FABRICS USING A DETERGENT COMPOSITION COMPRISING A TERPOLYMER
PROCEDE POUR LAVER LES TEXTILES AU MOYEN D'UNE COMPOSITION DETERGENTE CONTENANT UN COPOLYMERE TRIPLE

(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) **FABICON, Ronaldo, Musico** [PH/CN]; TP Plaza, Room 1305, 9/109 Liu Hua Road, Guangzhou (CN).

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

(11) **WO 98/16614** (13) A1

(21) PCT/US97/15123

(22) **28 Aug/Août 1997 (28.08.1997)**

(25) en (26) en

(31) 08/697,743 (32) **29 Aug/Août 1996 (29.08.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/39, 3/28, C07D 217/10

(54) COLOR-SAFE BLEACH BOOSTERS, COMPOSITIONS AND LAUNDRY METHODS EMPLOYING SAME
RENFORCATEUR DE BLANCHIMENT RESPECTANT LES COULEURS, ET COMPOSITIONS ET PROCEDES DE LAVAGE METTANT EN OEUVRE CELUI-CI

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

(72) **MIRACLE, Gregory, Scot**; 3065 Oxford Road, Hamilton, OH 45013 (US). **DYKSTRA, Robert, Richard**; 32-A Clubhouse Lane, Fairfield, OH 45014 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16615** (13) A1

(21) PCT/US96/16404

(22) **15 Oct/oct 1996 (15.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 3/40, 17/00, C09B 67/02

(54) COLORED PARTICULATE COMPOSITIONS
COMPOSITIONS PARTICULAIRES COLOREES

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

(72) **DELOS REYES, Elmer, Quirimit**; Unit 5B, #1363 Apolinario Street, Bangkal, Makati, Metro Manila 1233 (PH). **BUENA, Norman, Gerry, Flores**; 496 Northwestern Street, E. Greenhills Mandaluyong City 1502 (PH).

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

(81) CN JP MX.

(11) **WO 98/16616** (13) A1

(21) PCT/EP97/05476

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 196 42 600.6 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 7/26, 7/32, 7/36

(54) CLEANING AGENT FOR RE-USABLE PLASTICS CONTAINERS OR RE-USABLE PLASTICS-COATED GLASS CONTAINERS, AND METHOD OF CLEANING THE SAME
NETTOYANTS POUR EMBALLAGES PLASTIQUES CONSIGNES OU POUR EMBALLAGES CONSIGNES, EN VERRE RECOUVERT DE PLASTIQUE, ET PROCEDE PERMETTANT DE LES NETTOYER

(71) **HENKEL-ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstrasse 38-40, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WERSHOFEN, Thomas** [DE/DE]; Hardterbroicher Strasse 106, D-41065 Mönchengladbach (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).

(81) CA JP 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 98/16617** (13) A1

(21) PCT/US97/19136

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 60/028,667 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 7/26, 7/30, 7/32, B08B 3/08

(54) ENVIRONMENTALLY SAFE BROMOPENTANE COMPOSITION FOR CLEANING METALLIC, ELECTRICAL AND PLASTIC MATERIALS

COMPOSITIONS DE BROMOPENTANE NON TOXIQUES POUR L'ENVIRONNEMENT, DESTINEES A NETTOYER DES MATERIAUX METALLIQUES, ELECTRIQUES ET PLASTIQUES

(71) **ADVANCED CHEMICAL DESIGN, INC.** [US/US]; 498 S. Belvoir Boulevard, Euclid, OH 44121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENRY, Richard, G.** [US/US]; 26945 Amherst Circle, Beachwood, OH 44122 (US).

(74) **DEMARCO, A., John**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, Suite 700, 1100 Superior Avenue, Cleveland, OH 44114-2518 (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 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 98/16618** (13) A2

(21) PCT/US97/18566

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/729,306 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 11/00, 17/00

(54) PROCESS FOR MAKING A HIGH DENSITY DETERGENT COMPOSITION VIA POST DRYING MIXING/DENSIFICATION
PROCEDE DE FABRICATION D'UNE COMPOSITION DETERGENTE DE DENSITE ELEVEE PAR MALAXAGE/DENSIFICATION APRES SECHAGE

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

(72) **DE NOME, Frank, William**; 3125 Diehl Road, Cincinnati, OH 45211 (US). **LANGE, John, Frederick**; 2727 Wesley Drive, Villa Hills, KY 41017 (US).

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

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

(11) **WO 98/16619** (13) A1

(21) PCT/EP97/05575

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/733,036 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C11D 17/00, 10/04

(54) POURABLE CAST MELT BAR COMPOSITIONS COMPRISING LOW LEVELS OF WATER AND MINIMUM RATIOS OF POLYOL TO WATER
COMPOSITIONS DE PAINS DE SAVON COULES DANS UN MOULE, PRESENTANT UNE FAIBLE TENEUR EN EAU ET COMPRENANT DES RAPPORTS POLYOL/EAU MINIMAUX

- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH 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 IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)
- (72) **MASSARO, Michael**; 39 Dover Road, Congers, NY 10920 (US). **FAIR, Michael, Joseph**; 290 Anderson Road, Hackensack, NJ 07601 (US). **PARK, Sanghee**; 320 4th Street, Palisades Park, NJ 07650 (US). **COYLE, Laurie, Ann**; 17 South 5th Street, Park Ridge, NJ 07656 (US). **RATTINGER, Gail, Beth**; 315 Edgewood Avenue, Teaneck, NJ 07666 (US). **FINUCANE, Kevin, Michael**; 90 Danna Way, Saddle Brook, NJ 07663 (US).
- (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
- Published / Publiée : (c)
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- (11) **WO 98/16620** (13) A1
(21) PCT/EP97/05576
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) en (26) en
(31) 08/733,035 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C11D 17/00, 10/04, A61K 7/50
(54) CAST MELT BAR COMPOSITIONS COMPRISING HIGH LEVELS OF LOW MOLECULAR WEIGHT POLYALKYLENE GLYCOLS
COMPOSITIONS DE PAINS DE SAVON COULES, A FORTE TENEUR EN POLYALKYLENE GLYCOLS A FAIBLE POIDS MOLECULAIRE
(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH 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 IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)
(72) **HE, Mengtao**; 9 Tuxedo Drive, Wayne, NJ 07470 (US). **DALTON, James, Joseph**; 245 Lawton Avenue, Cliffside Park, NJ 07010 (US). **DANIELS, Kennard**; 33 Fairmount Drive, Danbury, CT 06811 (US). **SHAFER, Georgia**; 210 Randolph Street, Carterer, NJ 07008 (US). **MASSARO, Michael**; 39 Dover Road, Congers, NY 10920 (US).
(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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/16621** (13) A2
(21) PCT/GB97/02810
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) en (26) en
(31) 9621297.2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C11D 17/00
(54) MICROCAPSULES
MICROCAPSULES
(71) **WARWICK INTERNATIONAL GROUP LIMITED** [GB/GB]; Mostyn, Holywell, Flintshire CH8 9HE (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FRANCE, Mark, Alexander** [GB/GB]; 20 Beldam Avenue, Royston, Herts SG8 9UL (GB).
(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 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 98/16622** (13) A1
(21) PCT/US97/13728
(22) **5 Aug/Août 1997 (05.08.1997)**
(25) en (26) en
(31) PCT/US96/16403 (32) **15 Oct/oct 1996 (15.10.1996)** (33) WO
(34) US et al. / etc.
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C11D 17/04, 11/00
(54) A METHOD FOR PREDISSOLVING DETERGENT COMPOSITIONS
PROCEDE DE PREDISSOLUTION DE COMPOSITIONS DETERGENTES
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) **SHINDO, Kenji**; 3-1-1-204, Akamatsu-cho, Nada-ku, Kobe 657 (JP). **MURAMATSU, Ayako**; 3-5-1-301, Koushien-guchi, Nishinomiya 663 (JP). **MURATA, Susumu**; A-3, 6-5, Yoba-cho, Nishinomiya 662 (JP). **SAKKAB, Nabil, Yaqub**; 11279 Grandon Ridge Circle, Cincinnati, OH 45249 (US). **COLEMAN, Harry, Leroy, Jr.**; 6100 Blackberry Court, Hamilton, OH 45011 (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 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).
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- (11) **WO 98/16624** (13) A1
(21) PCT/DE97/02277
(22) **4 Oct/oct 1997 (04.10.1997)**
(25) de (26) de
(31) 196 42 105.5 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 1/00, 1/32, C12M 1/36
(54) METHOD OF CULTIVATING BIOMASS
PROCEDE DE CULTURE DE BIOMASSE
(71) **BUNA SOW LEUNA OLEFINVERBUND GMBH** [DE/DE]; D-06258 Schkopau (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LEHMANN, Olaf** [DE/DE]; Hanoier Strasse 13, D-06126 Halle (DE). **BERNDT, Christiane** [DE/DE]; Nelkenstrasse 6, D-06198 Salzmünde (DE). **MENZEL, Klaus-Dieter** [DE/DE]; Straußstrasse 10, D-99510 Apolda (DE). **DRIESCH, Dominik** [DE/DE]; Waldstrasse 1, D-07745 Jena (DE). **WULFES, Christian** [DE/DE]; Kastanienstrasse 1, D-07747 Jena (DE). **GLIEM, Toralf** [DE/DE]; Parkstrasse 9, D-99510 Apolda (DE). **CHRISTNER, Arnulf** [DE/DE]; Schillbachstrasse 4, D-07743 Jena (DE). **HILLIGER, Matthias** [DE/DE]; Jacob-Michelsen-Strasse 11, D-07749 Jena (DE). **MIERSCH, Karl** [DE/DE]; Schützenhofstrasse 102, D-07743 Jena (DE).
(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16625** (13) A1
(21) PCT/JP97/03754
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) ja (26) ja
(31) 8/295687 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 1/20, 9/04, C12Q 1/26
- (54) MICROORGANISM WHICH PRODUCES ENZYME ACTING ON PHOSPHORYLATED 1,5-ANHYDROGLYCITOL, ENZYME PRODUCED BY SAID MICROORGANISM, AND METHOD FOR QUANTITATIVELY DETERMINING PHOSPHORYLATED 1,5-ANHYDROGLYCITOL USING THE SAME MICRO-ORGANISME PRODUISANT UNE ENZYME QUI AGIT SUR LE 1,5-ANHYDROGLYCITOL PHOSPHORYLE, ENZYME PRODUITE PAR CE MICRO-ORGANISME, ET PROCEDE PERMETTANT DE DETERMINER QUANTITATIVEMENT LA PRESENCE DE 1,5-ANHYDROGLYCITOL PHOSPHORYLE A L'AIDE DE CETTE ENZYME
- (71) **INTERNATIONAL REAGENTS CORPORATION** [JP/JP]; 1-30, Hamabe-dori 2-chome, Chuo-ku, Kobe-shi, Hyogo 650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **SOBE, Koji** [JP/JP]; 13-16, Minami 1-chome, Meguro-ku, Tokyo 152 (JP).
- (72, 75) **HAMAFUJI, Tetsuro** [JP/JP]; International Reagents Corporation, Research and Development Center, 1-2, Murotani 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-22 (JP). **WATAZU, Yoshifumi** [JP/JP]; International Reagents Corporation, Research and Development Center, 1-2, Murotani 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-22 (JP).
- (74) **HIROSE, Takayoshi**; Takahashi Building Kita-Sangokan 6th floor, 13-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530 (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 98/16626** (13) A1
(21) PCT/US97/18769
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/729,113 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 1/20
- (54) LIVESTOCK MUCOSAL COMPETITIVE EXCLUSION CULTURE TO REDUCE ENTEROPATHOGENIC BACTERIA CULTURE D'EXCLUSION COMPETITIVE MUCOSALE POUR POPULATIONS ANIMALES DE MANIERE A REDUIRE DES BACTERIES ENTEROPATHOGENES
- (71) **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE** [US/US]; 1400 Independence Avenue S.W., Washington, DC 20250-0320 (US).
- (72) **STERN, Norman, J.**; 255 Gatewood Circle, Athens, GA 30607 (US). **COX, Nelson, A.**; 255 Gatewood Circle, Athens, GA 30607 (US). **BAILEY, J. Stan**; 1290 Creekshore Drive, Athens, GA 30606 (US). **CRAY, Paula, J.**; 2310 Buchanan Drive, Ames, IA 50010 (US).
- (74) **PENDORF, Stephan, A.** et al. / etc.; Suite 1000, 600 N. Westshore Boulevard, Tampa, FL 33609 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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).
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- (11) **WO 98/16627** (13) A1
(21) PCT/US97/18202
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) en (26) en
(31) 08/729,345 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 5/00, 15/00, A61K 49/00
- (54) TRANSGENIC NON-HUMAN MAMMAL EXPRESSING FLAG-APP-C100 FUSION PROTEIN MAMMIFERE NON HUMAIN TRANSGENIQUE EXPRIMANT LA PROTEINE HYBRIDE DRAPEAU APP-C100
- (71) **THE MCLEAN HOSPITAL CORPORATION** [US/US]; 115 Mill Street, Belmont, MA 02178 (US). **WELLESLEY COLLEGE** [US/US]; 106 Central Street, Wellesley, MA 02181 (US).
- (72) **NEVE, Rachael, L.**; 103 Beech Street #3, Belmont, MA 02178 (US). **BERGER-SWEENEY, Joanne**; 14 David Drive, Natick, MA 01760 (US).
- (74) **FREEMAN, John, W.**; Fish & Richardson PC, 225 Franklin Street, 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).
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- (11) **WO 98/16628** (13) A1
(21) PCT/US97/18483
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/732,676 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 5/00, 15/00, 7/08
- (54) ANIMAL MODELS OF HUMAN PROSTATE CANCER PROGRESSION MODELES ANIMAUX DE LA PROGRESSION DU CANCER DE LA PROSTATE CHEZ L'HUMAIN
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
- (72) **SAWYER, Charles, L.**; 1134 North Bundy Drive, Los Angeles, CA 90049 (US). **KLEIN, Karen**; 1116 Montana Avenue, Los Angeles, CA 90049 (US). **WITTE, Owen**; 14727 Sutton Street, Sherman Oaks, CA 91403 (US). **REITER, Robert**; 9922 1/2 Durant Drive, Beverly Hills, CA 90212 (US).
- (74) **ADRIANO, Sarah, B.**; Mandel & Adriano, 725 Main Street, Half Moon Bay, CA 94019 (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 98/16629** (13) A1
(21) PCT/US97/18260
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/028,471 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 5/06, 5/08, 5/10
- (54) DEFINED SYSTEMS FOR EPITHELIAL CELL CULTURE AND USE THEREOF SYSTEMES DEFINIS DE CULTURE DE CELLULES EPITHELIALES ET UTILISATION DESDITS SYSTEMES
- (71) **LIFE TECHNOLOGIES, INC.** [US/US]; 9800 Medical Center Drive, Rockville, MD 20850 (US).
- (72) **JUDD, David, A.**; 148 Ferndale Road, Williamsville, NY 14221-7166 (US). **BATTISTA, Paul, J.**; 55 Endicott Drive, Eggertsville, NY 14226 (US).
- (74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).
- (81) 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).
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- (11) **WO 98/16630** (13) A1
(21) PCT/US97/18644
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/027,338 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(31) 60/046,094 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12N 5/06, A01K 67/027
- (54) METHODS FOR THE GENERATION OF PRIMORDIAL GERM CELLS AND TRANSGENIC ANIMAL SPECIES TECHNIQUES PERMETTANT LA PRODUCTION DE CELLULES SEXUELLES PRIMORDIALES ET D'ESPECES ANIMALES TRANSGENIQUES
- (63) US 60/046,094 (CON)
US 9 May/mai 1997 (09.05.1997)
60/027,338 (CON)
11 Oct/oct 1996 (11.10.1996)
- (71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 310 Wisenbaker, College Station, TX 77843-3369 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PIEDRAHITA, Jorge, A.** [US/US]; 3696 Preakness Circle, College Station, TX 77845 (US). **BAZER, Fuller, W.** [US/US]; 8600 Creekview Court, College Station, TX 77845 (US).
- (74) **HIBLER, David, W.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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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(25) en (26) en

(31) 08/729,489 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 9/04, 11/00, C12P 1/00, C12N 11/02, 11/18 // C12P 17/06, 41/00

(54) IMMOBILIZED COFACTOR-DEPENDENT ENZYMES
ENZYMES DEPENDANTES DU COFACTEUR IMMOBILISEES

(71) **McGILL UNIVERSITY** [CA/CA]; 845 West Sherbrooke Street West, Montreal, Quebec H3A 1B1 (CA).

(72) **WAINER, Irving, W.**; 4028 Dorchester, Westmount, Quebec H3G 1T8 (CA).
SOTOLONGO, Vivian; Apartment 507, 9150 Fontaine Bleau Boulevard, Miami, FL 33172 (US).
WAHNON, Daphne; Apartment 17, 5880 Cote St. Antoine, Montreal, Quebec H4A 1S5 (CA).
JOHNSON, Dean; Hochsteingasse 15/30, A-8010 Graz (AT).

(74) **MURPHY, Kevin, P.** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16632** (13) A1

(21) PCT/US97/17032

(22) **23 Sep/sep 1997 (23.09.1997)**

(25) en (26) en

(31) 08/717,587 (32) **27 Sep/sep 1996 (27.09.1996)** (33) US

(31) 08/883,610 (32) **26 Jun/juin 1997 (26.06.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 9/10, C12Q 1/68, 1/48

(54) MATERIALS AND METHODS FOR DETECTION OF *OXALOBACTER*
MATIERE ET PROCEDES POUR LA DETECTION D'*OXALOBACTER*

(71) **UNIVERSITY OF FLORIDA** [US/US]; 186 Grinter Hall, Gainesville, FL 32611 (US).

(72) **PECK, Ammon, B.**; 9311 S.W. 43rd Lane, Gainesville, FL 32608 (US).
SIDHU, Harmeet; 5400 N.W. 39th Avenue #E29, Gainesville, FL 32606 (US).

(74) **PACE, Doran, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).

(81) AU 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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(21) PCT/DK97/00448

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 1130/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 9/26, 15/56, C07K 19/00

(54) ALPHA-AMYLASE FUSED TO CELLULOSE BINDING DOMAIN, FOR STARCH DEGRADATION
ALPHA-AMYLASE FUSIONNEE AU DOMAINE DE LIAISON A LA CELLULOSE, POUR LA DEGRADATION DE L'AMIDON

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJØRNVAAD, Mads** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
PEDERSEN, Sven [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
SCHULEIN, Martin [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).
BISGÅRD-FRANTZEN, Henrik [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).

(74) **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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16634** (13) A1

(21) PCT/GB97/02830

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621383.0 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/00, 15/12, 15/15, 15/62, 15/85, 5/10, 1/21, C07K 14/47, 14/81, A01K 67/027

(54) TRANSGENE EXPRESSION
EXPRESSION TRANSGENE

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(72, 75) **CLARK, Anthony, John** [GB/GB]; Roslin Institute Edinburgh, Roslin, Midlothian EH25 9PS (GB).

(74) **CORNISH, Kristina, Victoria, Joy** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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).

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(31) 60/028,177 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/00, 15/16, 15/85, 5/10, C07K 14/64, 16/26, C12Q 1/68, A01K 67/027

(54) INSULIN HOMOLOGS
HOMOLOGUES DE L'INSULINE

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

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(74) **SAWISLAK, Deborah, A.**; 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(21) PCT/JP97/03766

(22) **17 Oct/oct 1997 (17.10.1997)**

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(31) 8/274855 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/11, C12P 21/00, C12Q 1/68

(54) MOLECULE THAT HOMOLOGIZES GENOTYPE AND PHENOTYPE AND UTILIZATION THEREOF
MOLECULE PERMETTANT D'HOMOLOGUER UN GENOTYPE ET UN PHENOTYPE, ET UTILISATION DE CELLE-CI

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
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(72, 75) **YANAGAWA, Hiroshi** [JP/JP]; Mitsubishi Kasei Institute of Life Sciences, 11, Minamiooya, Machida-shi, Tokyo 194 (JP).
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MIYAMOTO, Etsuko [JP/JP]; 1-18-18, Te-
raya, Tsurumi-ku, Yokohama-shi, Kanagawa 230
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Urawa-shi, Saitama 338 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama
Building, 6th floor, 4-10, Higashi Nihonbashi
3-chome, Chuo-ku, Tokyo 103 (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 98/16637** (13) A1

(21) PCT/EP97/05543

(22) **8 Oct/oct 1997 (08.10.1997)**

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(31) 96116336.7 (32) **11 Oct/oct 1996** (33) EP
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(34) AT et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/12, C12Q 1/68, C12N 5/10, A61K
48/00, 38/17, G01N 33/50, C07K 14/47, 16/18,
C12N 9/16

(54) FANCONI GENE I
GENE I DE FANCONI

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE];
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(72, 75) **KUBBIES, Manfred** [DE/DE]; Glaswand-
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CHL, Andreas** [DE/DE]; Tegelbergstrasse 2,
D-94469 Deggendorf (DE). **PLANITZER,
Simone** [DE/DE]; Pasinger Strasse 54, D-12309
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(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse
9, D-81679 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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW 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
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(51)⁶ C12N 15/12, C07K 14/00, G01N 33/68, A61K
38/16

(54) CONSOLIDATED LIGANDS WITH INCREA-
SED AFFINITIES AND METHODS OF USE
THEREOF
LIGANDS CONSOLIDES AVEC AFFI-
NITES ACCRUES ET LEURS PROCÉDES
D'UTILISATION

(71) **THE ROCKEFELLER UNIVERSITY** [US/US];
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55108 (US).

(74) **JACKSON, David, A.** et al. / etc.; Klauber &
Jackson, 411 Hackensack Avenue, Hackensack, NJ
07601 (US).

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

(11) **WO 98/16639** (13) A1

(21) PCT/US97/17374

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 60/027,337 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/12, C07K 14/435, 16/18, C12N 5/12,
A61K 38/17, C12N 15/63

(54) RDGB-PROTEINS
PROTEINES RDGB

(71) **SUGEN, INC.** [US/US]; 351 Galveston Drive,
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(72, 75) **LEV, Sima** [IL/US]; 8 Locksley Avenue,
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New York, NY 10011 (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 ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW 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
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(31) 08/729,103 (32) **11 Oct/oct 1996** (33) US
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(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/12, C07K 14/47, A61K 38/17, C12N
15/11, A61K 31/70, C12N 1/21, 15/62, C07K
19/00, C12Q 1/68, G01N 33/50, 33/60, C07K
16/28, G01N 33/53, A61K 39/395 // (C12N 1/21,
C12R 1:19)

(54) HUMAN REG I-GAMMA PROTEIN
PROTEINE HUMAINE REG I-GAMMA

(63) US 08/729,103 (CIP)
11 Oct/oct 1996 (11.10.1996)

(71) **INCYTE PHARMACEUTICALS, INC.**
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(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Ave-
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rya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale,
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(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 KE LS
MW SD SZ UG ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE); OA (BF BJ
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(31) 08/729,452 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)

(31) 08/822,333 (32) **20 Mar/mar 1997** (33) US
(20.03.1997)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/12, C07K 14/71, 14/56, 16/28, A61K
38/18, C12N 5/10

(54) ISOLATION AND METHOD OF USING TISSUE
GROWTH-INDUCING FRZB PROTEIN
ISOLATION ET PROCÉDE D'UTILISATION DE
LA PROTEINE FRZB INDUISANT LA CROIS-
SANCE DE TISSUS

(71) **THE GOVERNMENT OF THE UNITED
STATES OF AMERICA** as represented by **THE
SECRETARY, DEPARTMENT OF HEALTH
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(72, 75) **LUYTEN, Frank, P.** [BE/BE]; Tervurenlaan
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Jr.** [US/US]; 8507 Hazelwood Drive, Bethesda,
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WANG, Shouwen [CN/US]; 12630 Veirs Mill
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(74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson
& Bear, 16th floor, 620 Newport Center Drive,
Newport Beach, CA 92660 (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
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(11) **WO 98/16642** (13) A1

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(31) 60/028,493 (32) **15 Oct/oct 1996** (33) US
(15.10.1996)

(31) 60/032,781 (32) **6 Dec/déc 1996** (33) US
(06.12.1996)

(31) 60/033,046 (32) **11 Dec/déc 1996** (33) US
(11.12.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C12N 15/12, 15/62, 15/70, 1/21, C07K 14/50,
A61K 38/18

(54) KERATINOCYTE GROWTH FACTOR-2 PRO-
DUCTS

- PRODUITS A BASE DU FACTEUR DE CROISSANCE 2 DES KERATINOCYTES
- (71) **AMGEN INC.** [US/US]; Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320-1789 (US).
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- (72, 75) **NARHI, Linda, Owens** [US/US]; 2890 North Los Cedros Circle, Camarillo, CA 93012 (US).
OSSLUND, Timothy, D. [US/US]; 475 Vista Montana, Camarillo, CA 93012 (US).
- (74) **ODRE, Steven, M.** et al. / etc.; Amgen Inc., Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320-1789 (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 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 98/16643** (13) A1
- (21) PCT/US96/16484
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- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/15, C07K 14/81, C12N 1/21, 5/10, C07K 16/38, A61K 38/57
- (54) BRAIN-ASSOCIATED INHIBITOR OF TISSUE-TYPE PLASMINOGEN ACTIVATOR
INHIBITEUR CEREBRO-ASSOCIE DE L'ACTIVATEUR DU PLASMINOGENE DE TYPE TISSULAIRE
- (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
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- (72, 75) **HASTINGS, Gregg, A.** [US/US]; 13504 Ansel Terrace, Germantown, MD 20874 (US).
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COLEMAN, Timothy, A. [US/US]; 7512 Boxberry Terrace, Gaithersburg, MD 20879 (US).
DILLON, Patrick, J. [US/US]; 7508 Boxberry Terrace, Gaithersburg, MD 20879 (US).
- (74) **BENSON, ROBERT, H.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).
- (81) AU BG BR CA CN CZ EE FI GE HU IL JP KR LT LV MN MX NO NZ PL RO SI SK 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).
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- (11) **WO 98/16644** (13) A1
- (21) PCT/US97/18635
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) en (26) en
- (31) 60/028,646 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/18, C07K 14/50, 16/22, 19/00, C12N 5/10, A61K 38/18
- (54) FIBROBLAST GROWTH FACTOR HOMOLOGS
HOMOLOGUES DE FACTEUR DE CROISSANCE FIBROBLASTES (FGF)
- (71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
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- (74) **SAWISLAK, Deborah, A.**; 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; 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 98/16645** (13) A2
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- (31) 08/729,622 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (31) 08/818,111 (32) **13 Mar/mar 1997 (13.03.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/31, C07K 14/35, 16/12, C12Q 1/68, C12N 15/62, G01N 33/53
- (54) COMPOUNDS AND METHODS FOR DIAGNOSIS OF TUBERCULOSIS
COMPOSES ET PROCEDES POUR DIAGNOSTIQUER LA TUBERCULOSE
- (71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Seattle, WA 98104 (US).
- (72) **REED, Steven, G.**; 2843 - 122nd Place N.E., Bellevue, WA 98005 (US).
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DILLON, Davin, C.; 21607 N.E. 24th Street, Redmond, WA 98053 (US).
CAMPOS-NETO, Antonio; 9308 Midship Court N.E., Bainbridge Island, WA 98021 (US).
HOUGHTON, Raymond; 2636 - 242nd Place S.E., Bothell, WA 98021 (US).
VEDVICK, Thomas, S.; 124 South 300th Place, Federal Way, WA 98003 (US).
TWARDZIK, Daniel, R.; 10195 South Beach Drive, Bainbridge Island, WA 98110 (US).
LODES, Michael, J.; 9223 - 36th Avenue S.W., Seattle, WA 98126 (US).
- (74) **MAKI, David, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AL AM AT AU 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; 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 98/16647** (13) A1
- (21) PCT/JP97/03551
- (22) **3 Oct/oct 1997 (03.10.1997)**
- (25) ja (26) ja
- (31) 8/293359 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP
- (31) 9/65448 (32) **3 Mar/mar 1997 (03.03.1997)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/51, C07K 14/18, 16/08, 16/42, A61K 39/29, 39/42, G01N 33/53 // C12P 21/08
- (54) HEPATITIS C VIRUS EPITOPES
EPITOPES DE VIRUS D'HEPATITE C
- (71) **JURIDICAL FOUNDATION THE CHEMOTHERAPEUTIC RESEARCH INSTITUTION** [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860 (JP).
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- (72, 75) **NISHIMURA, Shinichiro** [JP/JP]; 22-8, Obiyama 5-chome, Kumamoto-shi, Kumamoto 862 (JP).
RIKIHISA, Tetsuji [JP/JP]; 6-18, Okubo 5-chome, Kumamoto-shi, Kumamoto 860 (JP).
MAKIZUMI, Keiichi [JP/JP]; 360-277, Usagidani, Shimizu-machi, Kumamoto-shi, Kumamoto 860 (JP).
NISHIHARA, Tsukasa [JP/JP]; 1749-6, Kamitatsuda, Tatsuda-machi, Kumamoto-shi, Kumamoto 862 (JP).
NOZAKI,

- (74) **Chikateru** [JP/JP]; 5-26-1, Musashigaoka, Kumamoto-shi, Kumamoto 862 (JP). **MIZUNO, Kyosuke** [JP/JP]; 1725-1, Kamitatsuda, Tatsuda-machi, Kumamoto-shi, Kumamoto 862 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
- (81) AU 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 98/16648** (13) A2
- (21) PCT/GB97/02838
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 9621486.1 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/52, 9/00, C12P 35/00, C12N 1/21
- (54) ISOPENICILLIN N SYNTHETASE AND DEACETOXYCEPHALOSPORIN C SYNTHETASE ENZYMES AND METHOD ENZYMES ISOPENICILLINE N SYNTHETASE ET DESACETOXYCEPHALOSPORINE C SYNTHETASE ET PROCÉDES
- (71) **ISIS INNOVATION LIMITED** [GB/GB]; 2 South Parks Road, Oxford OX1 3UB (GB).
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- (72, 75) **SCHOFIELD, Christopher, Joseph** [GB/GB]; 19 Delamare Way, Cumnor Hill, Oxford OX2 9HZ (GB). **BALDWIN, Jack, Edward** [GB/GB]; Broom, Hinksey Hill, Oxford OX1 5BH (GB). **CLIFTON, Ian** [GB/GB]; 1 Staincross House, Albion Place, Oxford OX1 1SG (GB). **HAJDU, Janos** [HU/SE]; Stabby Malmsvagen 8, S-755 91 Uppsala (SE). **HENSGENS, Charles** [NL/NL]; Oscar Wildestraat 7, NL-9746 AR Groningen (NL). **ROACH, Peter, Lawrence** [GB/GB]; Exeter College, Oxford OX1 3DP (GB).
- (74) **PENNANT, Pyers**; Stevens Hewlett & Perkins, 1 Serjeants Inn, Fleet Street, London EC4Y 1LL (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 98/16649** (13) A1
- (21) PCT/US97/18668
- (22) **15 Oct/oct 1997 (15.10.1997)**
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- (31) 60/028,482 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (31) 60/028,876 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/56, 9/24, C12Q 1/04, G01N 33/53 // C07K 14/285, C12N 15/62
- (54) NEURAMINIDASE, CODING SEQUENCES, COMPOSITIONS AND METHODS NEURAMINIDASE, SEQUENCES CODANTES, COMPOSITIONS ET TECHNIQUES AFFÉRENTES
- (71) **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; DW Brooks Drive, Athens, GA 30602 (US).
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- (74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (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).

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- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/82, 5/10, A01H 5/00
- (54) ENHANCED TRANSGENE EXPRESSION IN A POPULATION OF MONOCOT CELLS EMPLOYING SCAFFOLD ATTACHMENT REGIONS AMÉLIORATION DE L'EXPRESSION DE TRANSGÈNES DANS UNE POPULATION DE CELLULES DE MONOCOTYLEDONES PAR L'UTILISATION DE REGIONS DE FIXATION D'ECHAFAUDAGE
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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- (72, 75) **ODELL, Joan, Tellefsen** [US/US]; 127 Monitor Place, Unionville, PA 19375 (US). **KREBBERS, Enno** [US/US]; 2318 Sconset Road, Ardentown, DE 19810 (US).
- (74) **CHRISTENBURY, Lynne, M.**; 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 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 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).

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- (31) 08/883,495 (32) **26 Jun/juin 1997 (26.06.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12N 15/82, 15/56, A01H 5/00, A23K 3/02
- (54) TRANSGENIC PLANTS AS AN ALTERNATIVE SOURCE OF LIGNOCELLULOSIC-DEGRADING ENZYMES PLANTES TRANSGENIQUES UTILISEES COMME SOURCE DE SUBSTITUTION D'ENZYMES DE DECOMPOSITION DE LA LIGNOCELLULOSE

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- (31) 119414 (32) **13 Oct/oct 1996 (13.10.1996)** (33) IL
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C12P 13/20
- (54) A PROCESS FOR THE PRODUCTION OF ASPARTIC ACID CONDENSATE PROCEDE DE PRODUCTION D'UN CONDENSAT D'ACIDE ASPARTIQUE
- (71) **AMYLUM BELGIUM N.V.** [BE/BE]; Burchtsstraat 10, B-9300 Aalst (BE).
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- (71) **GODWIN, Edgar, James** [GB/GB]; 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
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- (72, 75) **EYAL, Aharon, M.** [IL/IL]; Beitart Street 32, 93380 Jerusalem (IL). **JANSEN, Robert, J.** [US/BE]; Sint Annalaan 132B, B-1800 Vilvoorde (BE). **VITNER, Asher** [IL/IL]; Stern Street 31/13, 96750 Jerusalem (IL). **CAMI, Pierre** [FR/FR]; Route de Moyencourt, F-80190 Languedoisin (FR). **MAILLY, Emmanuel** [FR/FR]; 31, rue des Bergeres, F-91940 Les Ulis (FR). **CHATTAWAY, Thomas** [FR/BE]; Dreuve du Moulin 45A, B-1410 Waterloo (BE). **JARRY, Bruno** [FR/FR]; 11, rue Saint Vincent, F-75018 Paris (FR). **MORE, Joelle** [FR/FR]; 49, avenue d'Etampes, F-91940 Dourdan (FR).

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 (31) 60/027,542 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C12P 19/34
 (54) COMPOSITIONS AND METHODS FOR RAPID ISOLATION OF PLASMID DNA
 COMPOSITIONS ET PROCEDE D'ISOLEMENT RAPIDE D'ADN PLASMIDIQUE
- (71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US).
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C12P 21/00, C12N 5/12, 15/00, 15/63, C07H 21/04
 (54) PRODUCTION OF A MULTIMERIC PROTEIN BY CELL FUSION METHOD
 PRODUCTION DE PROTEINE MULTIMERE PAR PROCEDE DE FUSION CELLULAIRE
- (71) **JAPAN TOBACCO, INC.** [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP). **ABGENIX, INC.** [US/US]; 7601 Dumbarton Circle, Fremont, CA 94555 (US).
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 (54) HUMAN PLASMA HYALURONIDASE
 HYALURONIDASE DU PLASMA HUMAIN
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
- (72) **STERN, Robert**; 598 Belvedere Street, San Francisco, CA 94117 (US). **FROST, Gregory, I.**; 3575 Fillmore Street, San Francisco, CA 94123 (US). **CSOKA, Anthony**; 598 Belvedere Street, San Francisco, CA 94117 (US). **WONG, Tim, M.**; 2340 Wawona Street, San Francisco, CA 94116 (US).
- (74) **BERLINER, Robert**; Robbins, Berliner & Carson, LLP, 5th floor, 201 N. Figueroa Street, Los Angeles, CA 90012-2628 (US).
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 (51)⁶ C12Q 1/00, G01N 33/567, 33/53, 33/48
 (54) TWO-PHOTON AND MULTI-PHOTON MEASUREMENT OF ANALYTES IN ANIMAL AND HUMAN TISSUES AND FLUIDS
 MESURE A DEUX PHOTONS OU MULTI-PHOTONIQUE D'ANALYTES CONTENUS DANS DES TISSUS ET DES FLUIDES ANIMAUX ET HUMAINS
- (71, 72) **LAKOWICZ, Joseph, R.** [US/US]; 10037 Fox Den Road, Ellicott City, MD 21042 (US).
- (72) **BURKE, Thomas, G.**; 3433 Merrick Place, Lexington, KY 40506 (US). **GRYCZYNSKI, Ignacy**; 4203 Glenmore Avenue, Baltimore, MD 21206 (US). **MALAK, Henryk**; 8444 High Ridge Road, Ellicott City, MD 21403 (US).
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 (51)⁶ C12Q 1/02, 1/37, C07K 14/18 // C12N 15/40
 (54) PROTEASE REGULATOR SCREENING ASSAY
 EPREUVE DE CRIBLAGE DE REGULATEUR D'ACTIVITE PROTEASIQUE
- (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608 (US).
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ C12Q 1/68, C07K 7/04
 (54) PROBES, METHODS AND KITS FOR DETECTION AND TYPING OF *HELICOBACTER PYLORI* NUCLEIC ACIDS IN BIOLOGICAL SAMPLES
 SONDRES, PROCEDES ET KITS DESTINES A LA DETECTION ET AU TYPAGE D'ACIDES NUCLEIQUES D'*HELICOBACTER PYLORI* DANS DES ECHANTILLONS BIOLOGIQUES
- (71) **INNOGENETICS N.V.** [BE/BE]; Industriepark Zwijnaarde 7, P.O. Box 4, B-9052 Ghent (BE). **DDL B.V.** [NL/NL]; De Graafweg 7, NL-2625 AD Delft (NL).
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(51)⁶ C12Q 1/68, C12N 9/16, 15/55, 15/85, C07H 21/04, C07K 16/00
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(31) 60/031,968 (32) **27 Nov/nov 1996 (27.11.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C12Q 1/68, C12N 15/70, 5/10, 15/63, C07H 21/02, 21/04
(54) PHENOTYPIC ASSAYS OF CYCLIN/CYCLIN-DEPENDENT KINASE FUNCTION
ESSAI PHENOTYPIQUE DE LA FONCTION CYCLINE/CDK (KINASE A DEPENDANCE CYCLINE)
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(51)⁶ C12Q 1/68
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MORPHATIDES: NOUVELLES BANQUES DE FORMES ET DE STRUCTURES
(71) **MORPHAGEN** [US/US]; 1600 Faraday Avenue, Carlsbad, CA 92008 (US).
(72) **SHORT, Jay, M.**; 320 Delage Drive, Encinitas, CA 92024 (US).
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(31) 08/947,788 (32) **9 Oct/oct 1997 (09.10.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C14B 7/02, B32B 5/04, 9/02
(54) METHOD FOR MAKING STRETCH LEATHER LAMINATES AND FINISHED ARTICLES CONTAINING SUCH LAMINATES
PROCEDE DE FABRICATION DE LAMINES DE CUIR ETIRES ET DES ARTICLES FINIS CONTENANT LESDITS LAMINES
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ C14C 1/00, 1/02, A01N 43/00
(54) METHOD FOR PRESERVING ANIMAL HIDES
PROCEDE DE CONSERVATION DE PEAUX D'ANIMAUX
(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **DE CAMPOS, Rogerio, Baltazar** [BR/BR]; Avenida Andrade Neves, 2655, CEP-13070-001 Campinas, SP (BR). **KEMMERLING, Martin, Kent** [US/US]; Route 2, Box 575, Clinton, IN 47842 (US).
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(25) en (26) en
(31) 08/732,571 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C22C 29/06, B24D 3/06
(54) CUTTING TOOL INSERT
PLAQUETTE RAPPORTEE D'OUTIL DE COUPE
(71) **KENAMETAL INC.** [US/US]; P.O. Box 231, Latrobe, PA 15650 (US).
(72) **GRAB, George, P.**; 400 Primrose Drive, Greensburg, PA 15601 (US).
(74) **PRIZZI, John, J.** et al. / etc.; Kennametal Inc., P.O. Box 231, Latrobe, PA 15650 (US).
(81) AU BR CA CN JP KR MX RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/16665** (13) A1
(21) PCT/SE97/01690
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 9603758-5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ C22C 29/08
(54) METHOD OF MAKING CEMENTED CARBIDE WITH BINDER PHASE ENRICHED SURFACE ZONE
PROCEDE DE FABRICATION DE CARBURE METALLIQUE AYANT UNE ZONE DE SURFACE ENRICHIE PAR PHASE DE LIANT
(71) **SANDVIK AB (publ)** [SE/SE]; S-811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDSKOG, Per** [SE/SE]; Staffan Stallares Väg 17, S-125 35 Älvsjö (SE). **GUSTAFSON, Per** [SE/SE]; Stuvstävågen 7, S-141 40 Huddinge (SE).

(74) **ÖSTLUND, Alf** et al. / etc.; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).

(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 98/16666** (13) A1

(21) PCT/GB97/02396

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 9621232.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C22C 33/02

(54) IRON BASED METAL POWDER MIXTURE AND COMPONENT MADE THEREFROM MELANGE METALLIQUE PULVERULENT A BASE DE FER ET ELEMENT REALISE AVEC CE MELANGE

(71) **BRICO ENGINEERING LIMITED** [GB/GB]; Holbrook Lane, Coventry, West Midlands CV6 4BG (GB).

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

(72, 75) **MAULIK, Paritosh** [GB/GB]; 17 Warmington Close, Coventry, West Midlands CV3 2GQ (GB).

(74) **DRURY, Peter, Lawrence** et al. / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (GB).

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

(11) **WO 98/16667** (13) A1

(21) PCT/US97/18576

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/028,159 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C23C 16/40

(54) CHEMICAL VAPOR DEPOSITION OF ALUMINUM OXIDE DEPOT CHIMIQUE EN PHASE VAPEUR D'OXYDE D'ALUMINIUM

(71) **THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).

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

(72, 75) **GORDON, Roy** [US/US]; 22 Highland Street, Cambridge, MA 02138 (US). **KRAMER, Keith** [US/US]; 2604 Stearns Hill Road, Waltham, MA 02154 (US). **LIU, Xinye** [CN/US]; 38A Hanson Street, Somerville, MA 02143 (US).

(74) **SCOZZAFAVA, Mary, Rose**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(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 98/16668** (13) A1

(21) PCT/EP97/00690

(22) **13 Feb/fév 1997 (13.02.1997)**

(25) en (26) en

(31) 96202870.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) BE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C23F 11/10, C08J 5/06, C10M 141/08 // B29K 305:12

(54) ELONGATED STEEL OBJECT TREATED WITH A CORROSION INHIBITING COMPOSITION ARTICLE EN ACIER ALLONGE TRAITÉ AU MOYEN D'UNE COMPOSITION INHIBANT LA CORROSION

(71) **N.V. BEKAERT S.A.** [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).

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

(72, 75) **DERUYCK, Frank** [BE/BE]; Ter Meerstraat 55, B-9810 Nazareth (BE). **VAN BRABANT, Johan** [BE/BE]; Deerlijkstraat 219, B-8550 Zwevegem (BE).

(74) **MESSELY, Marc** et al. / etc.; N.V. Bekaert S.A., Bekaertstraat 2, B-8550 Zwevegem (BE).

(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 LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TT UA UG US UZ VN; AP (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 98/16669** (13) A1

(21) PCT/NL97/00577

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 96202871.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) NL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C23F 11/10, C10M 141/06, 169/04

(54) CORROSION INHIBITING COMPOSITION, IN PARTICULAR SUITABLE FOR APPLICATION ON STEEL CORDS COMPOSITION ANTICORROSION PARTICULIEREMENT ADAPTEE AUX CABLES EN ACIER

(71) **QUAKER CHEMICAL CORPORATION** [US/US]; Silverside Carr Executive Center, 501 Silverside Road, Wilmington, DE 19809 (US).

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

(72, 75) **VAN DER VEER, Jan, Marcel** [NL/NL]; Botterbloem 51, NL-1422 NL Uithoorn (NL). **MULDER, Hendrick, Laurens** [NL/NL]; Saffier 13, NL-3641 XV Mijdrecht (NL). **STREEFLAND, Gerardus, Johannes, Joseph** [NL/NL]; Johan van Oldebarneveldtlaan 5, NL-3581 XZ Utrecht (NL). **VANBRABANT, Johan** [BE/BE]; Deerlijkstraat 219, B-8550 Zwevegem (BE). **DERUYCK, Frank** [BE/BE]; Ter Meerstraat 55, B-9810 Nazareth (BE).

(74) **DE BRULIN, Leendert, C.**; Nederlandsch Octrooibureau, P.O. Box 29720, Scheveningseweg 82, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16670** (13) A1

(21) PCT/US97/18848

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,248 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/839,291 (32) **17 Apr/avr 1997 (17.04.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C23F 13/00

(54) IMPROVEMENT IN CATHODIC PROTECTION SYSTEM AMELIORATION D'UN SYSTEME DE PROTECTION CATHODIQUE

(71, 72) **BENNETT, Jack, E.** [US/US]; 10039 Hawthorne Drive, Charbon, OH 44024 (US). **CLEAR, Kenneth, C.** [US/US]; 6407 Sperryville Pike, Boston, VA 22713 (US).

(74) **THOMAS, Richard, H.**; Tarolli, Sundheim, Covert, Tummino & Szabo, 1111 Leader Building, Cleveland, OH 44114-1400 (US).

(81) AU 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 98/16671** (13) A2

(21) PCT/US97/18433

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/729,961 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ C25D 17/00

(54) MASS PARTICLE ENCAPSULATION AND ELECTROFORMING ENCAPSULATION ET GALVANOPLASTIE DE PARTICULES EN MASSE

(71, 72) **GRIEGO, Thomas, P.** [US/US]; 4901-F Pan American Place Northeast, Albuquerque, NM 87109 (US).

(74) **MYERS, Jeffrey, D.**; Peacock, Myers & Adams, P.O. Box 26927, Albuquerque, NM 87125-6927 (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 98/16672** (13) A1

(21) PCT/JP97/03646

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 8/270278 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D01F 8/06, 8/14, D04H 1/54

(54) FILAMENT NONWOVEN FABRIC AND ABSORBENT ARTICLE USING THE SAME

NAPPE DE FIBRES ET ARTICLE ABSORBANT
COMPRENANT CETTE DERNIERE

(71) **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJIYAMA, Yoshimi** [JP/JP]; Room 103, Kosumo Haitu-Oka, 156-9, Okamachi, Moriyama-shi, Shiga 524 (JP). **HORIUCHI, Shingo** [JP/JP]; 251, Tateiricho, Moriyama-shi, Shiga 524 (JP). **FUJIWARA, Toshikatsu** [JP/JP]; 15-18-401, Moriyama 6-chome, Moriyama-shi, Shiga 524 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

(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 98/16673** (13) A1

(21) PCT/CH97/00381

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 2514/96 (32) **15 Oct/oct 1996 (15.10.1996)** (33) CH

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D01H 13/32, 13/26

(54) METHOD AND DEVICE FOR ASSESSING YARN QUALITY
PROCEDE ET DISPOSITIF D'EVALUATION DE LA QUALITE D'UN FIL

(71) **ZELLWEGER LUWA AG** [CH/CH]; Wilstrasse 11, CH-8610 Uster (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELLER, Peter** [CH/CH]; Bodenacherstrasse 79, CH-8121 Benglen (CH).

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

(11) **WO 98/16674** (13) A1

(21) PCT/EP97/05634

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) 196 42 410.0 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D02H 13/00, 13/18

(54) METHOD AND DEVICE FOR WINDING A ROLL BEAM
PROCEDE ET DISPOSITIF POUR L'ENROULEMENT SUR UNE ENSOUPLE DE CHAINE

(71) **SUCKER-MÜLLER-HACOBIA GMBH & CO.** [DE/DE]; Krefelder Strasse 690, D-41066 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KREMER, Hubert** [DE/DE]; Freventstrasse 164, D-47929 Grefrath (DE).

(74) **EICHLER, Peter** et al. / etc.; Brahmstrasse 29, D-42289 Wuppertal (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 98/16675** (13) A1

(21) PCT/DE97/02365

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) de (26) de

(31) 196 42 595.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D04B 1/04

(54) METHOD FOR PRODUCING A KNITTED FABRIC CONTAINING A FLOCK YARN IN A FLATBED KNITTING MACHINE
PROCEDE DE PRODUCTION D'UN TRICOT CONTENANT UN FIL FLOCONNEUX SUR UN METIER A TRICOTER RECTILIGNE

(71) **RECARO GMBH & CO.** [DE/DE]; Stuttgarter Strasse 73, D-73230 Kirchheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROELL, Friedrich** [DE/DE]; Fünf Linden 61, D-88400 Biberach (DE).

(74) **ZIPSE & HABERSACK & WAHL**; Wotanstrasse 64, D-80639 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 98/16676** (13) A1

(21) PCT/EP97/05607

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 196 42 714.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D04B 21/16

(54) MATERIAL FOR SOUND ABSORBENT AND HEAT INSULATING LINING OF AN AUTOMOTIVE ENGINE COMPARTMENT
MATERIAU S'UTILISANT COMME REVEITEMENT D'ISOLATION PHONIQUE ET THERMIQUE DU COMPARTIMENT MOTEUR D'UNE AUTOMOBILE

(71) **ASGLAWO GMBH - STOFFE ZUM DÄMMEN UND VERSTÄRKEN** [DE/DE]; Gewerbegebiet, Lindenstrasse, D-09627 Hilbersdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIERZ, Claus** [DE/DE]; Dr. Richard-Beck-Strasse 1, D-09599 Freiberg (DE). **SCHREIBER, Jochen** [DE/DE]; Paul-Bertz-Strasse 75, D-09120 Chemnitz (DE). **KITTELMANN, Walter** [DE/DE]; Heinrich-Greif-Strasse 35, D-01217 Dresden (DE).

(74) **ANDREJEWSKI, HONKE & SOZIEN**; Theaterplatz 3, D-45127 Essen (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 98/16677** (13) A1

(21) PCT/US97/18560

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,353 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/927,288 (32) **11 Sep/sep 1997 (11.09.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D04H 13/00, B32B 5/04, 31/14

(54) METHOD FOR FORMING AN ELASTIC NECKED-BONDED MATERIAL
PROCEDE PERMETTANT DE FORMER UNE MATIERE ELASTIQUE ETIREE DANS LE SENS MACHINE

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

(72) **MORMAN, Michael, Tod**; 555 Kings Peak, Alpharetta, GA 30201 (US).

(74) **TULLEY, Douglas, H.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/16678** (13) A1

(21) PCT/US97/18561

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/027,700 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/927,898 (32) **11 Sep/sep 1997 (11.09.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D04H 13/00, B32B 5/04, 31/12

(54) ELASTIC NECKED-BONDED MATERIALS AND METHODS OF FORMING THE SAME
MATIERES ELASTIQUES ETIREES DANS LE SENS MACHINE ET PROCEDES ASSOCIES

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

(72) **MORMAN, Michael, Tod**; 555 Kings Peak, Alpharetta, GA 30201 (US). **WEBER, Robert, Emil**; 4045 Omra Drive, Marietta, GA 30066 (US).

(74) **TULLEY, Douglas, H.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/16679** (13) A1

(21) PCT/ES97/00250

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) es (26) es

(31) U 9602619 (32) **15 Oct/oct 1996 (15.10.1996)** (33) ES

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D06F 57/12, 57/04

(54) MULTIPLE GARMENT HANGER WITH ROTARY ELEMENTS, FOR INTERNAL AND EXTERNAL USE
ETENDOIR MULTIPLE POUR VETEMENTS AYANT DES ELEMENTS GIRATOIRES UTILISE A L'INTERIEUR ET A L'EXTERIEUR

(71, 72) **OTEGUI MARTINEZ, José Manuel** [ES/ES]; Ellacuri, 23, E-01400 Llodio (ES). **OTEGUI LOPEZ DEL CORRAL, Ivan** [ES/ES]; Ellacuri, 23, E-01400 Llodio (ES). **LOPEZ DEL CORRAL RASINES, Fabiola** [ES/ES]; Ellacuri, 23, E-01400 Llodio (ES).

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

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

Published / Publiée : (c)

(11) **WO 98/16680** (13) A1

(21) PCT/JP97/03669

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) ja (26) ja

(31) 8/272707 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(31) 9/268868 (32) **1 Oct/oct 1997 (01.10.1997)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D06M 13/332, C09K 3/00

(54) METAL CHELATE FORMING FIBER, PROCESS FOR PREPARING THE SAME, AND METHOD OF METAL ION SEQUESTRATION USING SAID FIBER
FIBRE DE FORMATION DE CHELATE METALLIQUE, PROCEDE DE PREPARATION DE CETTE FIBRE, ET PROCEDE DE SEQUESTRATION D'IONS METALLIQUES AU MOYEN DE CETTE DERNIERE

(71) **CHELEST CORPORATION** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka-fu 545 (JP). **CHUBU CHELEST CO., LTD.** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka-fu 545 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NANBU, Nobuyoshi** [JP/JP]; 65-1, Sasagawa 8-chome, Yokkaichi-shi, Mie-ken 510 (JP). **ITO, Osamu** [JP/JP]; 2-5, Nakamachi, Yokkaichi-shi, Mie-ken 510 (JP). **NAGATSUKA, Koujirou** [JP/JP]; Kabushiki Kaisha Oshitari Kenkyu Sho, 33-1, Ontacho 5-chome, Higashimurayama-shi, Tokyo-to 189 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Sumisei Naniwasuji Honmachi Building, 3-2, Utsuhonmachi 2-chome, Nishi-ku, Osaka-shi, Osaka-fu 550 (JP).

(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 98/16681** (13) A2

(21) PCT/US97/15406

(22) **3 Sep/sep 1997 (03.09.1997)**

(25) en (26) en

(31) 08/729,975 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D07B 1/02, 1/16

(54) SYNTHETIC NON-METALLIC ROPE FOR AN ELEVATOR

CABLE SYNTHETIQUE NON METALLIQUE D'ASCENSEUR

(71) **OTIS ELEVATOR COMPANY** [US/US]; 10 Farm Springs, Farmington, CT 06032 (US).

(72) **O'DONNELL, Hugh, J.**; 289 Converse Street, Longmeadow, MA 01106 (US). **OLSEN, Eric, G.**; 147 Old Woodbury Road, Southbury, CT 06488 (US).

(74) **HENLEY, Randy, G.**; Otis Elevator Company, Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032 (US).

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

(11) **WO 98/16682** (13) A2

(21) PCT/US97/18834

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/032,791 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/942,500 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D21C 9/00, C08B 37/14

(54) PROCESS FOR THE CO-PRODUCTION OF DISSOLVING-GRADE PULP AND XYLAN
PROCESSUS DE CO-PRODUCTION DE PATE POUR TRANSFORMATION CHIMIQUE ET DE XYLANE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **HYATT, John, Anthony**; 439 Forest Hills Drive, Kingsport, TN 37663 (US). **FENGL, Richard, William**; 1000 Sussex Drive, Kingsport, TN 37660 (US). **EDGAR, Kevin, Joseph**; 240 Remington Court, Kingsport, TN 37663 (US). **ALVAREZ-WRIGHT, Maria, Teresa**; 415 Elm Lane, Johnson City, TN 37604 (US).

(74) **BLAKE, Michael, J.**; Eastman Chemical Company, P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) BR CA JP SE.

(11) **WO 98/16683** (13) A1

(21) PCT/EP97/05309

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) fr (26) fr

(31) 9600859 (32) **11 Oct/oct 1996 (11.10.1996)** (33) BE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D21C 9/10

(54) METHOD FOR DELIGNIFICATION AND BLEACHING OF CHEMICAL PULP
PROCEDE DE DELIGNIFICATION ET DE BLANCHIMENT DE PATE A PAPIER CHIMIQUE

(71) **SOLVAY INTEROX (SOCIETE ANONYME)** [BE/BE]; Rue du Prince Albert 33, B-1050 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEVENYNS, Johan** [BE/BE]; Hofveld 36, B-1730 Asse (BE). **CHAUVEHEID, Eric** [BE/BE]; Rue des Hiboux 75, B-1150 Woluwe-Saint-Pierre (BE).

(74) **VANDE GUCHT, Anne** et al. / etc.; SOLVAY (Société Anonyme), Rue de Ransbeek 310, B-1120 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 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 98/16684** (13) A1

(21) PCT/SE97/01684

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(25) en (26) en

(31) 9603711-4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D21C 11/10, B01D 1/06

(54) EVAPORATION APPARATUS FOR EVAPORATION OF LIQUIDS, SUCH AS SPENT LIQUOR FROM PULP COOKING
DISPOSITIF D'EVAPORATION POUR EVAPORER DES LIQUIDES, TELS QUE LA LIQUEUR RESIDUAIRE PROVENANT DE LA CUISSON DE LA PULPE

(71) **KVAERNER PULPING AB** [SE/SE]; P.O. Box 1033, S-651 15 Karlstad (SE).
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(72, 75) **OLAUSSON, Lars** [SE/SE]; Kryddväxtgatan 19, S-424 53 Angered (SE). **THIEDE, Michael** [SE/SE]; Von Seths gata 23, S-425 33 Hisings-Kärä (SE). **WENNBERG, Oile** [SE/SE]; Vaktmästaregängen 1, S-413 18 Göteborg (SE). **WERNQVIST, Anders** [SE/SE]; Allmänna Vägen 24 A, S-414 60 Göteborg (SE). **COLLANDER, Martin** [SE/SE]; Tvetgatan 235, S-442 33 Kungälv (SE).

(74) **KYLIN, Peter**; Kvaerner Pulping AB, P.O. Box 1033, S-651 15 Karlstad (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 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 98/16685** (13) A1

(21) PCT/SE97/01706

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9603766-8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ D21C 11/10, B01D 1/22, 1/04

(54) FALLING-FILM EVAPORATOR WITH HORIZONTAL TUBES FOR EVAPORATING WASTE LIQUID FROM PULP PRODUCTION
EVAPORATEUR A COUCHE DECOULANTE, MUNI DE TUBES HORIZONTAUX DESTINE A L'EVAPORATION DE LA LESSIVE RESIDUAIRE ISSUE DE LA PRODUCTION DE PATE A PAPIER

- (71) **KVAERNER PULPING AB** [SE/SE]; P.O. Box 1033, S-651 15 Karlstad (SE).
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- (72, 75) **OLAUSSON, Lars** [SE/SE]; Kryddväxtgatan 19, S-424 53 Angered (SE).
- (74) **KYLIN, Peter**; Kvaerner Pulping AB, P.O. Box 1033, S-651 15 Karlstad (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 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 98/16686** (13) A1
- (21) PCT/US97/15769
- (22) **8 Sep/sep 1997 (08.09.1997)**
- (25) en (26) en
- (31) 08/733,045 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ D21F 3/02
- (54) MECHANICAL BLANKET CLAMP IN ROTATING HEAD ASSEMBLY
DISPOSITIF MECANIQUE DE SERRAGE DE BLANCHET DANS UN ENSEMBLE TETE ROTATIF
- (71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).
- (72) **DIDIER, James, J.**; 2244 West Hart Road, Beloit, WI 53511 (US).
- (74) **ARCHER, David, J.**; One St. Lawrence Avenue, Beloit, WI 53511 (US).
- (81) BR CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16687** (13) A1
- (21) PCT/US97/17942
- (22) **6 Oct/oct 1997 (06.10.1997)**
- (25) en (26) en
- (31) 08/730,650 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ D21H 13/06, C08L 1/10 // D21H 17:24, 19:32
- (54) COMPOSITION AND PAPER COMPRISING CELLULOSE ESTER AND ALKYL POLYGLYCOSIDES
COMPOSITION ET PAPIER CONTENANT DE L'ESTER DE CELLULOSE ET DES ALKYL POLYGLUCOSIDES
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **BUCHANAN, Charles, Michael**; P.O. Box 7072, Kingsport, TN 37664 (US). **ELLERY, Eric, Eugene**; 4522 Woodoak Drive, Kingsport, TN 37664 (US). **WOOD, Matthew, Davie**; 110 Fairway Drive, Gray, TN 37615 (US).
- (74) **MARTIN, Charles, R.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

- (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/16688** (13) A1
- (21) PCT/US97/17964
- (22) **6 Oct/oct 1997 (06.10.1997)**
- (25) en (26) en
- (31) 08/730,651 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ D21H 27/22, B32B 31/20, D21H 21/14 // 13/06
- (54) PLASTICIZED SHEETS, LAMINATES MADE FROM SUCH SHEETS AND PROCESS FOR PREPARING SUCH LAMINATES
FEUILLES PLASTIFIEES, STRATIFIEES FABRIQUES A PARTIR DESDITES FEUILLES ET PROCEDE POUR PREPARER LESDITS STRATIFIEES

- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **COX, Stephen, Todd**; 1006 Forest Avenue, Radford, VA 24141 (US). **BRADLEY, Robert, Lee, Jr.**; 113 Church Street, Elizabethton, TN 37643 (US). **KENNEDY, Paul, Jay**; 581 Droke Lane, Blountville, TN 37617 (US). **MASSIE, Guy, Fostine, Jr.**; 3336 Highway 75, Kingsport, TN 37663 (US). **MITCHELL, Melvin, Glenn**; 513 Hidden Valley Road, Kingsport, TN 37663 (US). **WILLIAMS, Freddie, Wayne**; 2601 John B. Dennis #2101, Kingsport, TN 37660 (US). **UNGAR, Israel, Sindel**; 2301 Velvet Ridge Drive, Owings Mills, MD 21117 (US).

- (74) **MARTIN, Charles, R.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16689** (13) A1
- (21) PCT/IB97/00523
- (22) **14 Apr/avr 1997 (14.04.1997)**
- (25) en (26) en
- (31) 08/728,959 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E01F 13/12
- (54) VEHICLE TIRE DEFLATION DEVICE
DISPOSITIF DE DEGONFLEMENT DES PNEUS D'UN VEHICULE
- (71) **STOP STICK INTERNATIONAL LTD.** [US/US]; P.O. Box 148, Lawrenceburg, IN 47025 (US).

- (72) **GROEN, Louis, M.**; 5767 Beech Grove, Cincinnati, OH 45238 (US). **GREVES, Kenneth, J.**; 719 Bielby Road, Lawrenceburg, IN 47025 (US). **LIN-NEMANN, Richard, B.**; 5779 Beach Grove Lane, Cincinnati, OH 45233 (US).
- (74) **JACOBS, Wayne, 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 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; 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 98/16690** (13) A1
- (21) PCT/SE97/01723
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 9603777-5 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E02B 15/10
- (54) METHOD AND APPARATUS FOR COLLECTING MATTER FLOATING ON A BODY OF WATER
PROCEDE ET DISPOSITIF DE RECUPERATION DE MATIERE FLOTTANT SUR UNE ETENDUE D'EAU
- (71) **ECTACOR AB** [SE/SE]; Årstaängsvägen 1A, S-117 43 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUNDBÄCK, Stig** [SE/SE]; Östra Tynningö, S-185 00 Vaxholm (SE).
- (74) **NYBERG, Bengt**; Carminger, Uusitalo & Nyberg Patentbyrå AB, P.O. Box 7274, S-103 89 Stockholm (SE).
- (81) AU CA CN CZ EE HU IL JP KP KR LV MX NO NZ PL RU SG 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).

- (11) **WO 98/16691** (13) A1
- (21) PCT/EP97/05225
- (22) **24 Sep/sep 1997 (24.09.1997)**
- (25) fr (26) fr
- (31) 88827 (32) **16 Oct/oct 1996 (16.10.1996)** (33) LU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E02D 5/14
- (54) SEALING JOINT FOR SHEET PILES
JOINT D'ETANCHEITE POUR PALPLANCHES
- (71) **PROFILARBED S.A.** [LU/LU]; 66, route de Luxembourg, L-4009 Esch-sur-Alzette (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOULIN, Jean-Michel** [FR/FR]; 10 bis, rue Victor Hugo, F-57110 Yutz (FR). **RIX, André** [BE/BE]; 17, rue d'Aubange, B-6780 Messancy (BE).
- (74) **FREYLINGER, Ernest, T.** et al. / etc.; Office de Brevets Ernest T. Freylinger, Boîte postale 48, 321, route d'Arlon, L-8001 Strassen (LU).
- (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 98/16692** (13) A1
- (21) PCT/JP97/03732
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) ja (26) ja
- (31) 8/294680 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E02F 3/43, 3/32
- (54) CONTROL DEVICE FOR WORK MACHINE OF HYDRAULIC EXCAVATOR
DISPOSITIF DE COMMANDE DE L'APPAREIL MECANIQUE D'UNE EXCAVATRICE HYDRAULIQUE
- (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IMAI, Hiroshi** [JP/JP]; Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573 (JP). **SATAKE, Yasuyuki** [JP/JP]; Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573 (JP). **NAKAMURA, Yoshiharu** [JP/JP]; Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573 (JP). **NISHIMURA, Kazunori** [JP/JP]; Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573 (JP). **MIYAKE, Toshihiko** [JP/JP]; Komatsu Ltd. Head Office, 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
- (74) **HASHIZUME, Yoshihiko**; Komatsu Building 8F, 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
- (81) US; EP (DE GB IT).
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- (11) **WO 98/16693** (13) A1
- (21) PCT/EP97/01221
- (22) **11 Mar/mar 1997 (11.03.1997)**
- (25) de (26) de
- (31) 296 17 719.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E03C 1/08, 1/084
- (54) SANITARY OUTLET
ÉCOULEMENT POUR APPAREILS SANITAIRES
- (71) **DIETER WILDFANG GMBH** [DE/DE]; Kloster-runsstrasse 11, D-79379 Müllheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRETHER, Hermann** [DE/DE]; Weiler-matt 4, D-79379 Müllheim (DE). **WEIS, Christoph** [DE/DE]; Mühlestrasse 50, D-79539 Lörrach (DE).
- (74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).
- (81) AL AU BA BB BG BR CA CN CU CZ EE 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 98/16694** (13) A1
- (21) PCT/EP97/05595
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) de (26) de
- (31) 296 17 719.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
- (31) PCT/EP97/01221 (32) **11 Mar/mar 1997 (11.03.1997)** (33) WO
- (34) DE et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E03C 1/08, 1/084
- (54) JET ADJUSTER
REGULATEUR DE JET
- (71) **DIETER WILDFANG GMBH** [DE/DE]; Kloster-runsstrasse 11, D-79379 Müllheim (DE).
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- (72, 75) **GRETHER, Hermann** [DE/DE]; Weiler-matt 4, D-79379 Müllheim (DE). **WEIS, Christoph** [DE/DE]; Mühlestrasse 50, D-79539 Lörrach (DE).
- (74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).
- (81) AU BR 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 98/16695** (13) A1
- (21) PCT/EP97/05594
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) de (26) de
- (31) 196 42 055.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
- (31) 297 04 286.6 (32) **11 Mar/mar 1997 (11.03.1997)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E03C 1/084
- (54) JET ADJUSTER
REGULATEUR DE JET
- (71) **DIETER WILDFANG GMBH** [DE/DE]; Kloster-runsstrasse 11, D-79379 Müllheim (DE).
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- (72, 75) **GRETHER, Hermann** [DE/DE]; Weiler-matt 4, D-79379 Müllheim (DE). **WEIS, Christoph** [DE/DE]; Mühlestrasse 50, D-79539 Lörrach (DE).
- (74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).
- (81) AU BR 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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- Published / Publiée : (c)
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- (11) **WO 98/16696** (13) A1
- (21) PCT/JP97/03706
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) ja (26) ja
- (31) 8/272003 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
- (31) 9/95658 (32) **14 Apr/avr 1997 (14.04.1997)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E03D 11/08
- (54) FLUSH TOILET
TOILETTE A CHASSE D'EAU
- (71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802 (JP).
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- (72, 75) **NAKAMURA, Kenichi** [JP/JP]; TOTO Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802 (JP). **YONEDA, Toshifumi** [JP/JP]; TOTO Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802 (JP).
- (74) **MATSUO, Kenichiro**; 1st floor, Imaizumikoporasu, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810 (JP).
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- (81) CN ID JP KR US.
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- (11) **WO 98/16697** (13) A1
- (21) PCT/AU97/00692
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) PO 3032 (32) **16 Oct/oct 1996 (16.10.1996)** (33) AU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E04B 1/16, 2/86, 5/36
- (54) WALL MEMBER AND METHOD OF CONSTRUCTION THEREOF
ELEMENT PAROI ET PROCEDE DE CONSTRUCTION D'UN TEL ELEMENT
- (71) **JAMES HARDIE RESEARCH PTY. LIMITED** [AU/AU]; 65 York Street, Sydney, NSW 2000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COTTIER, John, Sidney** [AU/AU]; 84 Moons Road, Lugarno, NSW 2210 (AU). **COLLINS, David, Robert** [AU/AU]; 16 Heather Place, Quakers Hill, NSW 2763 (AU). **GEEVES, James, Graham** [AU/AU]; 68 Coronation Road, Baulkham Hills, NSW 2153 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16698** (13) A1
- (21) PCT/NO97/00202
- (22) **7 Aug/aouât 1997 (07.08.1997)**
- (25) en (26) en
- (31) 08/728,970 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ E04B 1/70
- (54) A METHOD FOR DEHYDRATING CAPILLARY MATERIALS
PROCEDE DE DESHYDRATION DE MATERIAUX POREUX
- (71) **ELEKTRO PULS TEKNOLOGIER ASA** [NO/NO]; Vipeveien 51, N-3917 Porsgrunn (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRISTIANSEN, Hans** [NO/NO]; Arnesenga 16 C, N-1314 Skui (NO).
- (74) **ONSAGERS PATENTKONTOR - DEFENSOR AS**; P.O. Box 265 Sentrum, N-0103 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 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 98/16699** (13) A1
(21) PCT/AU97/00681
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) PO 2912 (32) **11 Oct/oct 1996 (11.10.1996)** (33) AU
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04B 2/78, E04C 2/38, 2/40, E05D 1/02, E04B 1/82, 2/82
(54) BUILDING ELEMENTS
ELEMENTS DE CONSTRUCTION
(71, 72) **RUDDUCK, Dickory** [AU/AU]; Suite 404, 140 Sussex Street, Sydney, NSW 2000 (AU).
(74) **MOORE CHRYSILIOU, Kerry** et al. / etc.; Chrysiliou Moore Martin, CMC Centre, 143 Sydney Road, Fairlight, NSW 2094 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16700** (13) A1
(21) PCT/EP97/04819
(22) **5 Sep/sep 1997 (05.09.1997)**
(25) de (26) de
(31) 296 17 776.8 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04B 2/86
(54) DEVICE FOR SECURING SHUTTERING PANELS IN A CONCRETE DISPOSABLE PATTERN
SYSTEME DE FIXATION DE PANNEAUX DE COFFRAGE POUR UN MOULE PERDU EN BETON
(71) **KEWO HOLDING GMBH** [DE/DE]; Trierer Strasse 1-7, D-53937 Schleiden (DE).
(72) **LACKERMAIER, Johann, Wolfgang**; 8, rue de Chênes Bas, F-57370 Phalsbourg (FR).
(74) **SELTING, Günther** et al. / etc.; Deichmannhaus am Dom, D-50667 Köln (DE).
(81) CZ HU 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 98/16701** (13) A1
(21) PCT/GR97/00036
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 960100356 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04B 2/88
(54) CURTAIN WALLS WITH SUSPENDED GLASSED PANELS
MURS-RIDEAUX DOTES DE PANNEAUX DE VERRE SUSPENDUS
(71, 72) **TAMBAKAKIS, Stefanos** [GR/GR]; 59 Epidavrou Street, GR-152 33 Halandri (GR).
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- (81) AU BR CA CN IL JP MX RU 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 98/16702** (13) A1
(21) PCT/SE97/01679
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) sv (26) en
(31) 9603816-1 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04B 9/12
(54) BEAM CONSTRUCTION IN CEILINGS OF CLEAN AIR ROOMS
CONSTRUCTION DE POUTRES POUR PLAFONDS DE SALLES BLANCHES
(71) **ABB FLÄKT AKTIEBOLAG** [SE/SE]; Sickla Allé 13, Nacka, S-120 86 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LARSSON, Bertil** [SE/SE]; Svängstigen 7, S-135 50 Tyresö (SE).
(74) **JENKLER, Malte** et al. / etc.; Asea Brown Boveri AB, Patent, Stockholm Office, S-120 86 Stockholm (SE).
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- (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).
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- (11) **WO 98/16703** (13) A2
(21) PCT/EP97/05671
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) MI96A002137 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IT
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04C
(54) SELF-SUPPORTING CONSTRUCTION ELEMENT OF EXPANDED PLASTICS, IN PARTICULAR FOR MANUFACTURING FLOOR ELEMENTS AND WALLS OF BUILDINGS IN GENERAL
ELEMENT DE CONSTRUCTION AUTOPORTEUR EN PLASTIQUE EXPANSE, DESTINE EN PARTICULIER A LA PRODUCTION D'ELEMENTS DE PLANCHER ET DE MURS DE BATIMENTS EN GENERAL
(71) **PLASTEDIL S.A.** [CH/CH]; Corso San Gottardo, 8a, CH-6830 Chiasso (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CRETTL, Piero** [CH/CH]; Morbio Superiore, CH-6835 Ticino (CH).
(74) **BOTTERO, Claudio**; Porta, Ceccacci & Botti S.r.l., Viale Sabotino, 19/2, I-20135 Milano (IT).
(81) IL 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 98/16704** (13) A1
(21) PCT/SE97/01737
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) sv (26) en
(31) 9603830-2 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04C 2/26
(54) HOUSE BUILDING MODULE AND METHOD RELATED THERETO
MODULE DE CONSTRUCTION D'HABITATION INDIVIDUELLE ET PROCEDE AFFERENT
(71, 72) **ENGWALL, Sten** [SE/SE]; Charlottenbergs Gärd, S-195 92 Märsta (SE).
(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16705** (13) A1
(21) PCT/EP97/05719
(22) **16 Oct/oct 1997 (16.10.1997)**
(25) de (26) de
(31) 96116529.7 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP
(34) AT et al. / etc.
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E04F 13/08
(54) FASTENING ELEMENT FOR FAÇADES
ELEMENT DE FIXATION DE FAÇADES
(71, 72) **HÖFLE, Siegfried** [AT/AT]; Mutterstrasse 21, A-6800 Feldkirch (AT). **BECHTER, Gottfried** [AT/AT]; Landstrasse 140, FL-9495 Triesen (LI).
(74) **KAMINSKI, Susanne**; Letzanaweg 25, FL-9495 Triesen (LI).
(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).
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- Published / Publiée : (c)
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- (11) **WO 98/16706** (13) A1
(21) PCT/NZ97/00136
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 299577 (32) **14 Oct/oct 1996 (14.10.1996)** (33) NZ
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ E05B 13/00, 13/08, 63/16
(54) ADJUSTABLE LOCK ASSEMBLY
ENSEMBLE DE VERROUILLAGE REGLABLE

- (71) **NT LEGGE PACIFIC LIMITED** [NZ/NZ]; 6 MacKelvie Street, Grey Lynn, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Peter** [NZ/NZ]; 53 Amriens Road, Taupaki, Auckland (NZ). **PERCY, Michael** [GB/NZ]; 19 Vantage Drive, Henderson, Auckland (NZ).

- (74) **CALHOUN, Douglas, D.** et al. / etc.; A. J. Park & Son, Huddart Park Building, 6th floor, Post Office Square, P.O. Box 949, Wellington 6015 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16707** (13) A1

(21) PCT/SE97/01664

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) sv (26) en

(31) 9603821-1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E05C 9/04, 9/10, E05B 9/00

(54) **LOCKING DEVICE**
DISPOSITIF SERRURE

(71) **TEKNOSKAND INVENT AB** [SE/SE]; Falkvägen 1, S-360 30 Lammhult (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLOMQUIST, Torbjörn** [SE/SE]; Falkvägen 1, S-360 30 Lammhult (SE).

(74) **SIEBMANN, H.**; Gotapatent AB, P.O. Box 154, S-561 22 Huskvarna (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16708** (13) A1

(21) PCT/NO97/00276

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) no (26) en

(31) 964394 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NO

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E05D 3/06, E06B 3/88

(54) **HINGE, ESPECIALLY FOR DOORS OR WINDOWS**
CHARNIERE CONÇUE SPECIALEMENT POUR PORTES ET FENÊTRES

(71, 72) **HETLAND, Ove** [NO/NO]; Kutterveien 3, N-4370 Egersund (NO).

(74) **TOFTING, Arild**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16709** (13) A1

(21) PCT/US97/18765

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/729,875 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E05D 15/10

(54) **DOOR CASSETTE FOR A VEHICLE AND METHOD OF ASSEMBLY**
CASSETTE DE PORTIERE DE VEHICULE ET PROCEDE D'ASSEMBLAGE

(71) **TRIM TRENDS, INC.** [US/US]; 30665 Northwestern Highway, Farmington Hills, MI 48334 (US).

(72) **KOWALSKI, Daniel, J.**; 205 Park Avenue, Lake Orion, MI 48362 (US). **KOWALSKI, Ben**; 3174 Wendover, Troy, MI 48084 (US).

(74) **RUTHERFORD, Charles, R.** et al. / etc.; 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16710** (13) A1

(21) PCT/IT97/00242

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) UD96A000192 (32) **11 Oct/oct 1996 (11.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E06B 3/30

(54) **IMPROVED WINDOW-AND-DOOR FRAME WITH PROFILES IN METAL-INSULATION-METAL-WOOD**
CADRE DE FENÊTRE ET DE PORTE AMÉLIORÉ A PROFILS EN BOIS ARME A ISOLATION METALLIQUE

(71) **ARCHIMEDE PROGETTI S.R.L.** [IT/IT]; Via Cormons, 2, I-33050 Gonars (IT).

(74) **D'AGOSTINI, Giovanni**; D'Agostini Organizzazione S.r.l., Via G. Giusti, 17, I-33100 Udine (IT).

(81) CZ HU PL RO RU SI SK UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16711** (13) A1

(21) PCT/FR97/01799

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) fr (26) fr

(31) 196 42 175.6 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E06B 3/54, 3/30, 3/66

(54) **WINDOW COMPRISING A WOODEN FRAME AND INSULATING GLAZING**
FENÊTRE COMPORTANT UN CHASSIS EN BOIS ET UN VITRAGE ISOLANT

(71) **SAINT-GOBAIN VITRAGE** [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

(72) **DIRISAMER, Wolfgang**; Keplerstrasse 5, A-4040 Linz (AT).

(74) **ACLOQUE, Jean-Pierre**; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(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 98/16712** (13) A1

(21) PCT/US96/16251

(22) **11 Oct/oct 1996 (11.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 4/02, 44/00, 47/18

(54) **APPARATUS AND METHOD FOR DRILLING BOREHOLES**
APPAREIL ET PROCEDE DE FORAGE DE PUTTS

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **KRUGER, Volker**; Sassengarten 8, D-29223 Cella (DE). **HARRELL, John, W.**; 5603 Springton Lane, Spring, TX 77379 (US). **BEIMGRABEN, Herbert, W.**; 2019 Roanwood Drive, Houston, TX 77090 (US).

(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) BR CA DE GB NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16713** (13) A1

(21) PCT/JP97/02345

(22) **7 Jul/juil 1997 (07.07.1997)**

(25) ja (26) ja

(31) 96120954 (32) **14 Oct/oct 1996 (14.10.1996)** (33) RU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 7/15

(54) **EXCAVATION METHOD USING ELECTRIC PULSES, AND EXCAVATOR**
PROCEDE D'EXCAVATION A L'AIDE D'IMPULSIONS ELECTRIQUES ET EXCAVATRICE ASSOCIEE

(71) **ITAC LTD.** [JP/JP]; 2-23-14, Hirasawa, Ojiya-shi, Niigata 947 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTUNOVICH, Adam Albert** [RU/RU]; Pirogova Street, 19-03, Tomsk, 634034 (RU).
FEDOROVICH, Vajov Vyacheslav [RU/RU]; Uchebnaya Street, 20-24, Tomsk, 634034 (RU).

(74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).

(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 KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16714** (13) A1

(21) PCT/GB97/02786

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 9621208.9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 12/06, 7/00

(54) SOIL AUGER AND MECHANICAL SOIL SAMPLER
TARIERE PEDOLOGIQUE ET SONDE PEDOLOGIQUE MECANIQUE

(71) **THE MINISTER OF AGRICULTURE FISHERIES AND FOOD IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND** [GB/GB]; Whitehall Place, London SW1A 2HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McBURNEY, Terence** [GB/GB]; ADAS Rosemaund, Preston Wynne, Hereford HR1 3PG (GB).
BALLS, Roger, Charles [GB/GB]; 24a Bedford Road, Houghton Conquest, Bedford MK45 3LS (GB).

(74) **SKELTON, S., R.**; D/IPR, Formalities Section (Procurement Executive), Poplar 2, MOD Abbey Wood #19, P.O. Box 702, Bristol BS12 7DU (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 98/16715** (13) A1

(21) PCT/IB97/01150

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 9621195.8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 15/02, 43/01, 19/22

(54) OFF-SHORE OIL OR GAS PRODUCTION UNIT
UNITE DE PRODUCTION DE GAZ OU DE PETROLE MARIN

(71) **KVAERNER ENGINEERING A.S** [NO/NO]; Prof. Khots Vei 5, P.O. Box 222, N-1324 Lysaker (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEPPERELL, Raymond, John** [NO/NO]; Harald Solbergs Vei 14, N-1064 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 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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16716** (13) A1

(21) PCT/GB97/02815

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621510.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(31) 9621509.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 21/00, 33/068, 19/16, 3/02

(54) CONTINUOUS CIRCULATION DRILLING METHOD
PROCEDE DE FORAGE A CIRCULATION CONTINUE

(71, 72) **AYLING, John, Laurence** [GB/GB]; Maywood Lodge, Maywood Drive, Camberley, Surrey GU15 1LH (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (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 (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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(31) 08/729,872 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 08/813,462 (32) **10 Mar/mar 1997 (10.03.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 21/06, B09B 5/00

(54) OIL AND GAS WELL CUTTINGS DISPOSAL SYSTEM WITH CONTINUOUS VACUUM OPERATION FOR SEQUENTIALLY FILLING DISPOSAL TANKS
SYSTEME D'ELIMINATION DE DEBRIS DE Puits DE GAZ OU DE PETROLE FONCTIONNANT PAR ASPIRATION CONTINUE POUR REMPLIR SEQUENTIELLEMENT DES RESERVOIRS DE DECHETS

(71, 72) **DIETZEN, Gary, H.** [US/US]; 110 Stonewood Circle, Lafayette, LA 70508 (US).

(74) **GARVEY, Charles, C., Jr.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(31) 196 42 493.3 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 37/06, C10G 75/04, C10L 10/00, 1/24, 1/14, 1/10

(54) USE OF ALKANESULPHONIC ACIDS AS ASPHALTENE DISPERSANTS
UTILISATION D'ACIDES ALCANESULFONIQUES COMME DISPERSANTS D'ASPHALTENE

(71) **CLARIANT GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **MILLER, Dennis**; Breslauerstrasse 20, D-65779 Kelkheim (DE). **VOLLMER, Axel**; Beethovensstrasse 16, D-65830 Krißfel (DE). **FEUSTEL, Michael**; Auf der Nonnenwiese 34, D-55278 Königernheim (DE).

(81) BR BY CA CN HU JP KR MX NO RU SG TR UA; EP (AT BE CH DE DK ES FI FR 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 98/16719** (13) A1

(21) PCT/EP97/05472

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 196 42 656.1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ E21B 43/32, C10L 3/00

(54) METHOD OF PREVENTING GAS HYDRATES
PROCEDE POUR PREVENIR LES HYDRATES DE GAZ

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).

(72) **LEHMANN, Bernhard**; Kohlweg 15, D-52072 Aachen (DE). **MORITZ, Ralf**; St.-Andreas-Strasse 20, D-41469 Neuss (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 TJ TM TR TT UA UG 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).

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 (21) PCT/US97/18304
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 (25) en (26) en
 (31) 08/731,550 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
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 (51)⁶ E21B 44/00, 23/04, 47/09, 4/18
 (54) CONSTANT BOTTOM CONTACT THRUSTER PROPULSEUR PERMETTANT UN CONTACT PERMANENT AVEC LE FOND
 (71) **DAILEY PETROLEUM SERVICES CORP.** [US/US]; 2507 N. Frazier, Conroe, TX 77303 (US).
 (72) **BEASLEY, Thomas, R.**; 706 Enford, Katy, TX 77450 (US).
 (74) **GARRETT, Jeffrey, L.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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).

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 (31) 8/356753 (32) **27 Dec/déc 1996 (27.12.1996)** (33) JP
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ E21D 11/08, B28B 19/00
 (54) RESIN-COATED SEGMENT, AND MANUFACTURE THEREOF SEGMENT RECOUVERT DE RESINE ET SON PROCEDE DE PRODUCTION
 (71) **C. I. KASEI CO., LTD.** [JP/JP]; 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YAMAMOTO, Masatsugu** [JP/JP]; Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107 (JP). **NAKAGAWA, Masayoshi** [JP/JP]; Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107 (JP). **SOMEYA, Hiroki** [JP/JP]; Ishikawajima Kenzai Kogyo Co., Ltd., 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **TANAKA, Tadashi** [JP/JP]; Ishikawajima Kenzai Kogyo Co., Ltd., 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **FUJINO, Yutaka** [JP/JP]; Geostr Corporation, 2-3, Shiba 4-chome, Minato-ku, Tokyo 108 (JP). **KASE, Akira** [JP/JP]; Geostr Corporation, 2-3, Shiba 4-chome, Minato-ku, Tokyo 108 (JP). **MATSUMOTO, Kazuo** [JP/JP]; C. I. Kasei Co., Ltd., 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP). **TAKAHASHI, Kiyoshi** [JP/JP]; C.

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 (74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107 (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 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 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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 (22) **29 Sep/sep 1997 (29.09.1997)**
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 (31) 119335 (32) **1 Oct/oct 1996 (01.10.1996)** (33) IL
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F01C
 (54) ORBITING ENGINE MOTEUR ORBITAL
 (71) **H.P.G. PROMOTION & INVESTMENT (1993) LTD.** [IL/IL]; Katzin Industrial Zone, 12900 Ramat Hagolan (IL).
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 (71) **FRIEDMAN, Mark, M.** [IL/IL]; Alharizi 1, 43406 Raanana (IL).
 (only for / seulement pour TJ)
 (72, 75) **LIOR, David** [IL/IL]; Mohliver Street 1, 46328 Herzlia (IL). **LEVY, Yeshayahu** [IL/IL]; Yotam Street 44A, 34672 Haifa (IL).
 (74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomani Street 7, 67897 Tel Aviv (IL).
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 (54) HEMISPHERICAL ENGINE MOTEUR HEMISPHERIQUE

- (71, 72) **FILIPOVIC, Vladeta** [YU/YU]; Bulevar Avnoja 70, ap.11, YU-11070 Novi Beograd (YU).
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F01K 7/22, F01D 25/32
 (54) STEAM TURBINE AND STEAM POWER PLANT WITH THE STEAM TURBINE TURBINE A VAPEUR ET CENTRALE A VAPEUR DOTE DE CETTE TURBINE A VAPEUR
 (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) **DROSDZIOK, Armin** [DE/DE]; Kleine Kehre 12, D-45327 Essen (DE). **FELDMÜLLER, Andreas** [DE/DE]; Alsenstrasse 53, D-44789 Bochum (DE). **HAM, Dennis** [US/US]; 11220 W. 52nd Terrace, Shawnee, KS 66203 (US).
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 (51)⁶ F01L 1/344, F16D 3/10
 (54) PHASE CHANGE MECHANISM MECANISME DE CHANGEMENT DE PHASE
 (71) **MECHADYNE INTERNATIONAL LIMITED** [GB/GB]; Park Farm Technology Centre, Kirtlington, Oxon OX5 3JQ (GB).
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 (72, 75) **FROST, Derek** [GB/GB]; 62 Tattersal Gardens, Leigh on Sea, Essex SS9 2QT (GB). **CRABB, David** [GB/GB]; 8 Hightrees Close, Willsborough, Ashford, Kent TN24 0ND (GB). **LANCEFIELD, Timothy** [GB/GB]; New Barn Farmhouse, Weston on the Green, Nr. Bicester, Oxfordshire OX6 8TL (GB). **EATON, Mark** [GB/GB]; 94 Eton Close, Witney, Oxfordshire OX8 6GB (GB).
 (74) **MESSULAM, Alec, Moses**; A. Messulam & Co., 24 Broadway, Leigh on Sea, Essex SS9 1BN (GB).

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 (51)⁶ F01L 13/00
 (54) TAPPET FOR THE VALVE GEAR MECHANISM OF AN INTERNAL COMBUSTION ENGINE
 POUSSOIR POUR LE 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) **KUHL, Mario** [DE/DE]; Schlesierstrasse 17, D-91074 Herzogenaurach (DE).
- (74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).
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 (51)⁶ F01P 5/02, 11/10
 (54) ENGINE COOLING APPARATUS
 APPAREIL DE REFRROIDISSEMENT DE MOTEUR
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 6-2, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWASAKI, Koji** [JP/JP]; Shiho-ryo, 20-29, Kandatsuchuo 2-chome, Tsuchiura-shi, Ibaraki 300 (JP). **FUNABASHI, Shigehisa** [JP/JP]; A120, 15-29, Inayoshi 3-chome, Chiyodamachi, Niihari-gun, Ibaraki 315 (JP). **KANEKO, Zenji** [JP/JP]; 30-6, Umezono 2-chome, Tsukuba-shi, Ibaraki 305 (JP). **KANAHARA, Masaki** [JP/JP]; 850-120, Haneno, Tonemachi, Kitasoma-gun, Ibaraki 300-16 (JP). **TAHARA, Koji** [JP/JP]; 492-38, Izumicho-otsu, Shimodate-shi, Ibaraki 308 (JP).
- (74) **KASUGA, Yuzuru**; 7F., Kyodo Building-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103 (JP).
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F02B 37/10
 (54) ELONGATED CYLINDER HEAD FOR MOUNTING ON FOR INSTANCE A DIESEL ENGINE HAVING CAVITIES FOR INJECTION UNITS AND SUPPLY MEANS FOR LIQUID FUEL
 TETE CYLINDRIQUE ALLONGEE SE MONTANT SUR UN MOTEUR DIESEL POURVU DE CAVITES POUR ENSEMBLES D'INJECTION ET DE MOYENS D'ALIMENTATION EN CARBURANT LIQUIDE
- (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) **LINDBLOM, Jan** [SE/SE]; Lerskärsvägen 16, S-442 75 Lycke (SE).
- (74) **GRAUDUMS, Valdis** et al. / etc.; Ahlbihn West AB, P.O. Box 142, S-401 22 Göteborg (SE).
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 (51)⁶ F02F 3/00
 (54) BUILT-UP PISTON
 PISTON COMPOSE
- (71) **MAHLE GMBH** [DE/DE]; Pragstrasse 26-46, D-70376 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRANZ, Holger** [DE/DE]; Alfredstrasse 16, D-73666 Baltmannsweiler (DE).
- (74) **MAHLE GMBH**; Patentabteilung, Pragstrasse 26-46, D-70376 Stuttgart (DE).
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 (51)⁶ F02K 1/15, 1/00
 (54) AN AXISYMMETRIC VECTORING NOZZLE ACTUATING SYSTEM HAVING MULTIPLE POWER CONTROL CIRCUITS
 SYSTEME DE COMMANDE D'UNE TUYERE D'EJECTION AXISYMETRIQUE, DOTE DE PLUSIEURS CIRCUITS DE COMMANDE D'ENERGIE
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **AUSDENMOORE, Robert, Michael**; 7981 Quail Hollow Court, West Chester, OH 45069 (US).
- (74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
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 (51)⁶ F02K 1/48, 1/38
 (54) TURBOJET DRIVE MECHANISM WITH A BLOOM MIXER

- TURBOREACTEUR AVEC MELANGEUR D'EFFLORESCENCES
- (71) **MTU MOTOREN- UND TURBINEN-UNION MÜNCHEN GMBH** [DE/DE]; Postfach 50 06 40, D-80976 München (DE).
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- (72, 75) **KATHEDER, Karl** [DE/DE]; Söhlstrasse 42, D-81545 München (DE). **ZOTZ, Georg** [DE/DE]; Schwebelbachstrasse 4, D-85778 Haimhausen (DE).
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F02M 51/00
- (54) IDLE CONTROL FOR INTERNAL COMBUSTION ENGINE
COMMANDE DE RALENTI POUR MOTEUR A COMBUSTION INTERNE
- (71) **OUTBOARD MARINE CORPORATION** [US/US]; 100 Sea Horse Drive, Waukegan, IL 60085 (US).
- (72) **MCGINNITY, Francis, A.**; 1051 Oxford Drive, Hartland, WI 53029 (US).
- (74) **SANDLER, Ronald, A.** et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker Drive, Chicago, IL 60601-1692 (US).
- (81) AL AM AU BA BB BG BR CA CN CU CZ EE GE GH HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA 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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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F02M 57/02
- (54) FUEL INJECTION DEVICE FOR DIESEL ENGINE
DISPOSITIF D'INJECTION DE CARBURANT DESTINE A UN MOTEUR DIESEL
- (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Hiroki** [JP/JP]; Komatsu Ltd., Oyama Plant, 400, Yokokurashinden, Oyama-shi, Tochigi 323 (JP). **AKAGI, Jiro** [JP/JP]; Komatsu Ltd., Oyama Plant, 400, Yokokurashinden, Oyama-shi, Tochigi 323 (JP).
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(31) 196 42 513.1 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE
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(51)⁶ F02M 61/18
- (54) FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES
SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFMANN, Karl** [DE/DE]; Amselweg 22, D-71686 Remseck (DE). **POTZ, Detlev** [DE/DE]; Zeppelinstrasse 105, D-70193 Stuttgart (DE). **BUCK, Rainer** [DE/DE]; Heilbronner Strasse 4, D-71732 Tamm (DE). **WARGA, Johann** [DE/DE]; Blumenstrasse 6/3, D-74321 Bietigheim-Bissingen (DE). **POLACH, Wilhelm** [DE/DE]; Strombergstrasse 18, D-71696 Möglingen (DE). **KREH, Andreas** [DE/DE]; Deidesheimer Strasse 61, D-70499 Stuttgart (DE). **KOERPERICH, Manfred** [DE/DE]; Kirchstrasse 1, D-71229 Leonberg (DE). **FILIZ, Erguen** [TR/TR]; Yesil Cad. 27, 16066 Bursa (TR).
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(22) **26 Sep/sep 1997 (26.09.1997)**
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(31) 96/12572 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F02M 63/06
- (54) SYSTEM FOR INJECTING FUEL INTO AN INTERNAL COMBUSTION ENGINE
SYSTEME D'INJECTION DE CARBURANT DANS UN MOTEUR A COMBUSTION INTERNE
- (71) **PEUGEOT MOTOCYCLES S.A.** [FR/FR]; Rue du 17 novembre, F-25350 Beaulieu Mandeuve (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STAN, Cornel** [DE/DE]; Robert Koch-Strasse 11, D-08280 Aue (DE). **LEFEBVRE, Jean-Louis** [FR/FR]; 16, rue du Grillon, F-25550 Dung (FR).
- (74) **HABASQUE, Etienne**; 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 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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(31) 96/12478 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F04B 39/00, F16J 1/02
- (54) COMPRESSOR PISTON WITH SEVERAL MAGNETIZED SEGMENTS GLUED ON THE RADIAL SURFACE
PISTON POUR COMPRESSEUR AVEC PLUSIEURS SEGMENTS AIMANTES COLLES SUR LA SURFACE RADIALE
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- (11) **WO 98/16738** (13) A1
(21) PCT/JP97/03693
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) ja (26) ja
(31) 8/273226 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F03C 1/247
- (54) ROTARY TYPE HYDRAULIC TRANSFORMER
TRANSFORMATEUR HYDRAULIQUE ROTATIF
- (71) **HIROSE VALVE INDUSTRY CO., LTD.** [JP/JP]; 2-34, Yasukiyocho, Hikone-shi, Shiga 522 (JP).
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- (72, 75) **KITA, Yasuo** [JP/JP]; 5-9, Ohe-Kitakutsukakecho 3-chome, Nishikyō-ku, Kyoto-shi, Kyoto 610-11 (JP).
- (74) **SAITO, Susumu** et al. / etc.; Saito Patent Building, 6-3, Nihonbashi 2-chome, Chuo-ku, Tokyo 103 (JP).
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(31) 08/725,321 (32) **2 Oct/oct 1996 (02.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F04B
- (54) FLUID DISPLACEMENT SYSTEM
SYSTEME DE DEPLACEMENT DE FLUIDE
- (71, 72) **ORIAN, Itamar** [IL/IL]; Rav Ashei Street 13, 69395 Tel Aviv (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 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 98/16740** (13) A1
(21) PCT/FR97/01820
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) fr (26) fr
(31) 96/12478 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ F04B 39/00, F16J 1/02
- (54) COMPRESSOR PISTON WITH SEVERAL MAGNETIZED SEGMENTS GLUED ON THE RADIAL SURFACE
PISTON POUR COMPRESSEUR AVEC PLUSIEURS SEGMENTS AIMANTES COLLES SUR LA SURFACE RADIALE

- (71) **THOME CREPELLE S.A.** [FR/FR]; 2, place Guy de Dampierre, F-59000 Lille (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOREL, Gérard** [FR/FR]; 173, rue d'Arras, F-59000 Lille (FR).
- (74) **ECREPONT, Robert**; Cabinet Ecrepont, 12, place Simon Vollant, F-59800 Lille (FR).
- (81) 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 98/16741** (13) A1
- (21) PCT/GB97/02832
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 9621405.1 (32) **14 Oct/oct 1996 (14.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04B 39/06
- (54) APPARATUS FOR CONTROLLING GAS TEMPERATURE IN COMPRESSORS
APPAREIL POUR CONTRÔLER LA TEMPÉRATURE DU GAZ DANS DES COMPRESSEURS
- (71) **NATIONAL POWER PLC** [GB/GB]; Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire SN5 6PB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CONEY, Michael, Willoughby, Essex** [GB/GB]; The Pinnocks, Broad Town, Swindon SN4 7RG (GB). **HUXLEY, Richard, Aidan** [GB/GB]; 5 Lethbridge Road, Swindon SN1 4BY (GB).
- (74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (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 98/16742** (13) A1
- (21) PCT/US97/18976
- (22) **17 Oct/oct 1997 (17.10.1997)**
- (25) en (26) en
- (31) 08/734.466 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04B 53/00
- (54) MODULAR PISTON ROD ASSEMBLY WITH INTEGRATED HIGH-WEAR COMPONENTS
ENSEMBLE TIGES DE PISTON MODULAIRE A COMPOSANTS INTEGRES A HAUTE RESISTANCE A L'USURE
- (71) **BINKS SAMES CORPORATION** [US/US]; 9201 Belmont Avenue, Franklin Park, IL 60131 (US).
- (72) **RATHWEG, Christopher**; 809 East Cleveland, Lafayette, CO 80026 (US).
- (74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16743** (13) A1
- (21) PCT/AU97/00682
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) en (26) en
- (31) PO 2924 (32) **11 Oct/oct 1996 (11.10.1996)** (33) AU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04C 2/356, F01C 1/356
- (54) A ROTARY MACHINE
MACHINE ROTATIVE
- (71) **MERLIN CORPORATION PTY. LTD.** [AU/AU]; 18 Glendale Crescent, Jandakot, W.A. 6164 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DYKTYNSKI, Benjamin, Francis** [AU/AU]; 952 Beaufort Street, Inglewood, W.A. 6052 (AU). **WHEELER, Daryl** [AU/AU]; 1300 Sime Road, Mt. Helena, W.A. 6082 (AU). **LAU, Lui** [MY/AU]; 9 Avoca Close, Willetton, W.A. 6155 (AU).
- (74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16744** (13) A1
- (21) PCT/AU97/00683
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) en (26) en
- (31) PO 2924 (32) **11 Oct/oct 1996 (11.10.1996)** (33) AU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04C 2/356, F01C 1/356
- (54) A ROTARY MACHINE
MACHINE ROTATIVE
- (71) **MERLIN CORPORATION PTY. LTD.** [AU/AU]; 18 Glendale Crescent, Jandakot, W.A. 6164 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DYKTYNSKI, Benjamin, Francis** [AU/AU]; 952 Beaufort Street, Inglewood, W.A. 6052 (AU). **WHEELER, Daryl** [AU/AU]; 1300 Sime Road, Mt. Helena, W.A. 6082 (AU). **LAU, Lui** [MY/AU]; 9 Avoca Close, Willetton, W.A. 6155 (AU).
- (74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16745** (13) A1
- (21) PCT/US97/17622
- (22) **2 Oct/oct 1997 (02.10.1997)**
- (25) en (26) en
- (31) 08/734.415 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04C 18/04
- (54) SCROLL ELEMENT HAVING A RELIEVED THRUST SURFACE
ELEMENT SPIRALE PRESENTANT UNE SURFACE DE POUSSÉE A FRICTION RÉDUITE
- (71) **SCROLL TECHNOLOGIES** [US/US]; One Scroll Drive, Clark County Industrial Park, Arkadelphia, AR 71923 (US).
- (72) **WILLIAMS, John, Robert**; 7 Timber Ridge Circle, Arkadelphia, AR 71923 (US). **HILL, Joe, Todd**; 301 Druid Hills, Arkadelphia, AR 71923 (US). **FIELDS, Gene, Michael**; 2201 Northridge Drive, Arkadelphia, AR 71923 (US).
- (74) **GUSTAVSON, William, R.** et al. / etc.; Sidley & Austin, 4500 Renaissance Tower, 1201 Elm Street, Dallas, TX 75270-2197 (US).
- (81) BR CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16746** (13) A1
- (21) PCT/JP97/03661
- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) ja (26) ja
- (31) 8/270901 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F04D 29/38
- (54) METHOD OF MANUFACTURING HOLLOW BLADE, AND HOLLOW BLADE MANUFACTURED BY SAME
PROCÉDE DE FABRICATION DE PALE CREUSE ET PALE CREUSE FABRIQUÉE AU MOYEN DE CE PROCÉDE
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWASAKI, Hiraku** [JP/JP]; Daikin Industries, Ltd., Kanaoka Factory, Sakai Plant, 1304, Kanaoka-cho, Sakai-shi, Osaka 591 (JP). **SIMOMURA, Takeo** [JP/JP]; Daikin Industries, Ltd., Kanaoka Factory, Sakai Plant, 1304, Kanaoka-cho, Sakai-shi, Osaka 591 (JP).
- (74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).
- (81) CN SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16747** (13) A1
 (21) PCT/GB97/02622
 (22) **25 Sep/sep 1997 (25.09.1997)**
 (25) en (26) en
 (31) 9621338.4 (32) **12 Oct/oct 1996 (12.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F04D 29/42, 27/02, 29/28
 (54) COMPRESSOR
 COMPRESSEUR
 (71) **HOLSET ENGINEERING COMPANY LIMITED** [GB/GB]; St. Andrews Road, Huddersfield HD1 6RA (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BRUFFELL, William, Kenneth** [GB/GB]; 19 Priory Way, Mirfield, West Yorkshire WF14 9QS (GB). **PARKES, Alan, John** [GB/GB]; 16 Sheardale, Honley, Huddersfield HD7 2RU (GB). **SAXTON, Roy** [GB/GB]; 111 Wessenden Head Road, Meltham, Huddersfield HD7 3HR (GB).
 (74) **ALLMAN, Peter, John**; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).
 (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16748** (13) A1
 (21) PCT/SE97/01726
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) sv (26) en
 (31) 9603768-4 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F15B 15/00, B25J 15/02
 (54) PNEUMATIC CYLINDER ASSEMBLY
 ENSEMBLE VERIN PNEUMATIQUE
 (71, 72) **RASMUSSEN, Peter** [SE/SE]; Hässelhultsvägen 180, S-293 92 Jämshög (SE).
 (74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).
 (81) BR CA NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/16749** (13) A1
 (21) PCT/US97/18300
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 60/028,312 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F16B 5/08, B23K 5/08
 (54) PERIMETER WELD FLANGES
 COLLERETTES SOUDABLES SUR LEUR PERIMETRE
 (71) **KIMBALL PHYSICS, INC.** [US/US]; 311 Kimball Hill Road, Wilton, NH 03086 (US).
 (72) **CRAWFORD, Charles, K.**; 260 Kimball Hill Road, Wilton, NH 03086 (US).
 (74) **SOLOWAY, Norman, P.**; Hayes, Soloway, Hennessey, Grossman & Hage, 175 Canal Street, Manchester, NH 03101 (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 98/16750** (13) A1
 (21) PCT/SE97/01695
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) sv (26) en
 (31) 9603723-9 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F16B 12/48
 (54) FITTING AS WELL AS TABLE AND TABLE SYSTEM WITH SUCH FITTING
 FERRURE D'ASSEMBLAGE, TABLE ET AGENCEMENT DE TABLE UTILISANT LADITE FERRURE D'ASSEMBLAGE
 (71) **INREDNINGSFORM GUNNAR OTTOSSON AB** [SE/SE]; P.O. Box 5055, S-100 71 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ALM, Karl-Erik** [SE/SE]; Hedvägen 155, S-231 66 Trelleborg (SE). **EKSTRAND, Ruud** [SE/SE]; Carl Hillsgatan 14 B, S-217 56 Malmö (SE).

- (74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).
 (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 SL (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN; 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 98/16751** (13) A1
 (21) PCT/DE97/02283
 (22) **29 Sep/sep 1997 (29.09.1997)**
 (25) de (26) de
 (31) 196 43 583.8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F16B 39/32
 (54) LOCKING DEVICE FOR A SCREWED PART
 DISPOSITIF DE BLOCAGE POUR ELEMENT DE VISSAGE
 (71, 72) **BUSSE, Peter** [DE/DE]; Liegnitzer Strasse 42, D-10999 Berlin (DE).
 (74) **JANDER, Dieter**; Ostpreußendam 151 A, D-12207 Berlin (DE).
 (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 98/16752** (13) A1
 (21) PCT/US97/18469
 (22) **14 Oct/oct 1997 (14.10.1997)**

- (25) en (26) en
 (31) 60/028,321 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F16C 1/00
 (54) FLEXIBLE DRIVE SHAFT
 ARBRE D'ENTRAÎNEMENT FLEXIBLE
 (71) **J.C. PARTNERS** [US/US]; 2831 Hemlock Place, Fullerton, CA 92835 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ERICKSON, Donald, Le Roy** [US/US]; 9899 Sturgeon Avenue, Fountain Valley, CA 92704 (US). **FRAKES, David, L.** [US/US]; 2831 Hemlock Place, Fullerton, CA 92835 (US). **CARTER, David, P.** [US/US]; 24961 La Viva Drive, Laguna Niguel, CA 92677 (US).
 (74) **LANE, William, G.**; William G. Lane Inc., P.C., Suite 500, 18400 Von Karman Avenue, Irvine, CA 92612 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16753** (13) A1
 (21) PCT/ES97/00213
 (22) **26 Aug/Août 1997 (26.08.1997)**
 (25) es (26) es
 (31) P 9602173 (32) **15 Oct/oct 1996 (15.10.1996)** (33) ES
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ F16C 1/14, 1/26
 (54) CURVED TERMINAL FOR CONTROL CABLES
 PARTIE TERMINALE COURBE POUR CABLES DE COMMANDE
 (71) **FICO CABLES, S.A.** [ES/ES]; Gran Vía Carlos III, 98, E-08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GABAS CEBOLLERO, Carlos** [ES/ES]; Calle Rocafort, 180, E-08029 Barcelona (ES).
 (74) **SUGRAÑES MOLINE, Pedro**; Calle Provenza, 304, E-08008 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 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 98/16754** (13) A1

- (21) PCT/US97/18619
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 08/733,625 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16C 27/02(54) TAPERED BEARING HOUSING
BOITE DE PALIER CONIQUE(71) **DRESSER-RAND COMPANY** [US/US]; Baron
Steuben Place, Corning, NY 14830 (US).(72) **HUSTAK, Jerome, F.**; 463 Indiana Avenue, Or-
lean, NY 14760 (US). **MAIER, Martin, D.**; 127
North 17th Street, Orleans, NY 14760 (US).(74) **MCCOMBS, David, L.** et al. / etc.; Haynes and
Boone, L.L.P., Suite 3100, 901 Main Street, Dallas,
TX 75202-3789 (US).

(81) CA JP MX.

Published / Publiée : (c)

(11) **WO 98/16755** (13) A1

(21) PCT/JP97/03666

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/291161 (32) **14 Oct/oct 1996** (33) JP
(14.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16C 29/06(54) METHOD OF FORMING A MOVING BLOCK
OF A ROLLING MOTION GUIDING DEVICE
METHODE DE FABRICATION D'UN BLOC
MOBILE DESTINE A UN DISPOSITIF DE
GUIDAGE PAR ROULEMENT(71) **THK CO., LTD.** [JP/JP]; 11-6, Nishi Gotanda
3-chome, Shinagawa-ku, Tokyo 141 (JP).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **SHIRAI, Takeki** [JP/JP]; THK Co., Ltd., 11-6,
Nishi Gotanda 3-chome, Shinagawa-ku, Tokyo
141 (JP).(74) **SERA, Kazunobu**; Shimbashi OWK Building, 5th
floor, 3-5-2, Shimbashi, Minato-ku, Tokyo 105
(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 98/16756** (13) A1

(21) PCT/EP97/05622

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) 196 42 384.8 (32) **14 Oct/oct 1996** (33) DE
(14.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16D 55/22(54) AIR OPERATED DISK BRAKE FOR VEHICLES
AND METHOD FOR THE MANUFACTURE
THEREOF
FREIN A DISQUE A COMMANDE PNEUMA-
TIQUE POUR VEHICULES ET PROCEDE PER-
METTANT DE LE PRODUIRE(71) **KNORR-BREMSE SYSTEME FÜR NUTZ-
FAHRZEUGE GMBH** [DE/DE]; Moosacher
Strasse 80, D-80809 München (DE).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **KÜHNE, Viktor** [DE/DE]; Mährische Strasse
36, D-86720 Nördlingen (DE). **BAUMGART-
NER, Hans** [DE/DE]; Thonstetten 35, D-85368
Moosburg (DE). **BIEKER, Dieter** [DE/DE]; Son-
neckstrasse 19, D-83080 Oberaudorf (DE).(81) BR 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 98/16757** (13) A1

(21) PCT/US97/18504

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/730,370 (32) **15 Oct/oct 1996** (33) US
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16D 65/14, B60T 11/232 // F16D 65/00(54) SEALING ARRANGEMENT FOR BRAKE CAM-
SHAFT
DISPOSITIF D'ETANCHEITE POUR ARBRE A
CAMES DE FREIN(71) **MERITOR HEAVY VEHICLE SYSTEMS,
LLC** [US/US]; 2135 West Maple Road, Troy, MI
48084-7186 (US).(72) **WALKER, Donald, G.**; 149 Alganssee, Troy, MI
48383 (US). **DETTLOFF, David, J.**; 8385 21 Mile
Road, Utica, MI 48317 (US). **EDWARDS, David,
J.**; 52447 Hummingbird Court, Shelby Township,
MI 48316 (US).(74) **SLENZAK, Laura, M.**; Meritor Heavy Vehicle
Systems, LLC, 2135 West Maple Road, Troy, MI
48084 (US).(81) BR MX; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/16758** (13) A1

(21) PCT/SE97/01729

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) sv (26) en

(31) 9603769-2 (32) **15 Oct/oct 1996** (33) SE
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16D 65/56, 55/226(54) SYMMETRIC HIGH POWER BRAKE
FREIN SYMETRIQUE DE FORTE PUISSANCE(71, 72) **JOHANSSON, Jan** [SE/SE]; Stala 3470,
S-440 92 Svanesund (SE). **JOHANSSON, Daniel**
[-/-]; Kaprifolvägen 20, S-473 32 Henån (SE).(74) **BJELKSTAM, Peter** et al. / etc.; Kransell
& Wennborg AB, P.O. Box 27834, S-115 93
Stockholm (SE).(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 98/16759** (13) A2

(21) PCT/DE97/02367

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 296 18 289.3 (32) **12 Oct/oct 1996** (33) DE
(12.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16F 1/12(54) HOOD LIFTING DEVICE WITH SPRING
SUPPORTDISPOSITIF DE LEVAGE DE CAPOT COMPRE-
NANT UN SUPPORT DE RESSORT(71) **DATEC SCHERDEL DATENTECHNIK
FORSCHUNGS- UND ENTWICKLUNGS-
GMBH** [DE/DE]; Scherdelstrasse 2, D-95604
Marktredwitz (DE).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **KÜSPERT, Max** [DE/DE]; Weiherwiesenweg
13, D-95615 Marktredwitz (DE). **HEINKE, Joa-
chim** [DE/DE]; Goethestrasse 4, D-95615 Mark-
tredwitz (DE). **HEINL, Thomas** [DE/DE]; Goe-
thestrasse 3, D-95615 Marktredwitz (DE).(74) **VOIGT, Günter**; Dr. Schulze & Voigt, Postfach
21 01 04, D-90119 Nürnberg (DE).(81) CA JP KR MX TR US; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).(11) **WO 98/16760** (13) A2

(21) PCT/GB97/02730

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 9621498.6 (32) **15 Oct/oct 1996** (33) GB
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16F 15/00(54) VIBRATION ATTENUATION SYSTEM
SYSTEME D'ATTENUATION DES VIBRA-
TIONS(71) **THE SECRETARY OF STATE FOR DEFENCE**
[GB/GB]; Defence Evaluation & Research Agency,
Ively Road, Farnborough, Hampshire GU14 0LX
(GB).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **LEUNG, Ronnie, Chi, Nang** [GB/GB]; DRA
Haslar, Gosport, Hampshire PO12 2AG (GB).(74) **SKELTON, S., R.**; D/IPR, Formalities Section
(Procurement Executive), Poplar 2, MOD Abbey
Wood #19, P.O. Box 702, Bristol BS12 7DU (GB).(81) AU BR CA GB US; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).(11) **WO 98/16761** (13) A1

(21) PCT/FI97/00527

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 964149 (32) **16 Oct/oct 1996** (33) FI
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16G 11/04(54) WEDGE FOR A STAY CLAMP
COINCEUR POUR PINCE D'IMMOBILISATION(71) **OY ENVO AB** [FI/FI]; Viikintie 3, FIN-00560
Helsinki (FI).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **HORELLI, Jouko** [FI/FI]; Mannerheimintie
43 B A 26, FIN-00250 Helsinki (FI).(74) **KAUSTE, Markku**; Leitzinger Oy, Ruoholahden-
katu 8, FIN-00180 Helsinki (FI).

(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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16762** (13) A1

(21) PCT/US97/18481

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 08/732,930 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16H 1/22, 55/20

(54) CONCENTRIC FACE GEAR TRANSMISSION ASSEMBLY TRANSMISSION A ROUES DE CHAMP CONCENTRIQUES

(71) **McDONNELL DOUGLAS HELICOPTER COMPANY** [US/US]; 5000 East McDowell Road, Mesa, AZ 85205 (US).

(72) **CHEN, Yih-Jen, D.**; 3440 So. Oleander Drive, Chandler, AZ 85248 (US). **HEATH, Gregory, F.**; 3554 E. Capri Avenue, Mesa, AZ 85204 (US). **GILBERT, Ronald, E.**; 214 North Parkwood Road, Payson, AZ 85541 (US). **SHETH, Vijay, J.**; 4034 East Hope Street, Mesa, AZ 85205 (US). **MORRIS, Michael, T.**; 3740 East Edgewood Street, Mesa, AZ 85205 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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).

Published / Publiée : (c)

(11) **WO 98/16763** (13) A1

(21) PCT/US97/18553

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) 96 1 11966.X (32) **14 Oct/oct 1996 (14.10.1996)** (33) CN

(31) 08/886,077 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16J 9/08, 9/14

(54) GAP-SEALED PISTON RING SEGMENT DE PISTON A ESPACE DE COUPE FERME

(71, 72) **GAO, Dunhua** [CN/US]; C-O Prings International, Inc. US Branch, 2650 California Street #42, Mountain View, CA 94040 (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).

Published / Publiée : (c)

(11) **WO 98/16764** (13) A1

(21) PCT/US97/13218

(22) **29 Jul/juil 1997 (29.07.1997)**

(25) en (26) en

(31) 08/733,039 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16J 15/32, F01D 9/02, 11/00, F23R 3/60

(54) BRUSH SEAL FOR GAS TURBINE COMBUSTOR-TRANSITION INTERFACE JOINT A BROUSSE TOROIDAL POUR INTERFACE DE TRANSITION DU DISPOSITIF COMBUSTOR ET DE LA TURBINE A GAZ

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **WHIDDEN, Graydon, L.**; 631 Great Blue Court, Orlando, FL 32825 (US). **CHUPP, Raymond, E.**; 3891 Carnary Drive, Oviedo, FL 32765 (US).

(74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

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

Published / Publiée : (c)

(11) **WO 98/16765** (13) A1

(21) PCT/US97/18559

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/731,517 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/888,583 (32) **7 Jul/juil 1997 (07.07.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16K 7/14

(54) HIGH PRESSURE ACTUATED METAL SEATED DIAPHRAGM VALVE VANNE A DIAPHRAGME A SIEGE METALLIQUE, ACTIONNEE PAR UNE FORTE PRESION

(71) **PARKER HANNIFIN CORPORATION** [US/US]; 6035 Parkland Boulevard, Cleveland, OH 44124-4141 (US).

(72) **WU, Jing-Chau**; 107 S. Powder Mill Road, Morris Plains, NJ 07950 (US). **BARBER, Patrick, P.**; 37 Fox Ledge Road, Kinnelon, NJ 07405 (US). **ALDRIDGE, Lewis, L.**; 39 Pondview Road, Morris Plains, NJ 07950 (US).

(74) **HESPOS, Gerald, E.**; Casella & Hespos, Suite 1703, 274 Madison Avenue, New York, NY 10016 (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 98/16766** (13) A1

(21) PCT/US97/18419

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/028,184 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16K 11/10

(54) CRYOGENIC FLUID PROCESS CONTAINMENT VALVE, METHOD AND SYSTEM VANNE DE RETENTION POUR LE TRAITEMENT DE FLUIDES CRYOGENIQUES, PROCEDE ET SYSTEME

(71) **PROCESS SYSTEMS INTERNATIONAL, INC.** [US/US]; 20 Walkup Drive, Westborough, MA 01581-5003 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BONN, John, W.** [US/US]; 3815 Darbyshire Drive, Hilliard, OH 43026 (US).

(74) **CROWLEY, Richard, P.**; 901 Main Street, P.O. Box 901, Osterville, MA 02655-0901 (US).

(81) CA JP 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 98/16767** (13) A1

(21) PCT/DK97/00454

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 1148/96 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DK

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16K 15/20

(54) AN INFLATION VALVE FOR SACKS, BAGS OR THE LIKE CONTAINERS VALVE DE GONFLAGE POUR SACS DE PETITE OU GRANDE CONTENANCE OU CONTENANTS SIMILAIRES

(71) **BATES KORNÄS A/S** [DK/DK]; Stigsborgvej 36, P.O. Box 198, DK-9400 Nørresundby (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSEN, Carsten** [DK/DK]; Hans Egedesvej 39, DK-9600 Aars (DK).

(74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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).

Published / Publiée : (c)

(11) **WO 98/16768** (13) A1

(21) PCT/EP97/05254

(22) **24 Sep/sep 1997 (24.09.1997)**

(25) de (26) de

(31) 196 42 567.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16K 17/04, F15B 13/01(54) REDUCTION AND CONTROL VALVE
SOUPAPE DE REDUCTION ET DE COM-
MANDE(71) BRUENINGHAUS HYDROMATIK GMBH
[DE/DE]; Glockeraustrasse 2, D-89275 Elchingen
(DE).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) HÖRMANN, Werner [DE/DE]; Veilchenweg
6, D-89257 Illertissen (DE).(74) KÖRFER, Thomas; Mitscherlich & Partner, Son-
nenstrasse 33, D-80331 München (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 98/16769 (13) A2

(21) PCT/EP97/05518

(22) 8 Oct/oct 1997 (08.10.1997)

(25) de (26) de

(31) 196 42 580.8 (32) 15 Oct/oct 1996 (33) DE
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L(54) FLEXIBLE TUBE-NOZZLE CONNECTION
RACCORD TUBULURE-FLEXIBLE(71) MUHR UND BENDER [DE/DE]; Schlachtwiese
4, D-57439 Attendorn (DE).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) SCHARIOTH, Rüdiger [DE/DE]; Waldweg 4,
D-57439 Attendorn (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 98/16770 (13) A1

(21) PCT/US97/05905

(22) 8 Apr/avr 1997 (08.04.1997)

(25) en (26) en

(31) 08/728,957 (32) 11 Oct/oct 1996 (33) US
(11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 11/12(54) FLEXIBLE CONDUIT
CONDUIT FLEXIBLE(71) WELLSTREAM, INC. [US/US]; 1700 C Avenue,
Port of Panama City, Panama City, FL 32401 (US).(72) KALMAN, Mark, D.; 2721 Briarcliff Road, Pa-
nama City, FL 32405 (US). CHEN, Bin; 17010
Clan Macintosh Drive, Houston, TX 77084 (US).(74) TORRES, Carlos, A.; Browning Bushman, Suite
1800, 5718 Westheimer, Houston, TX 77057 (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; EP (AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE).

(11) WO 98/16771 (13) A1

(21) PCT/US97/18437

(22) 15 Oct/oct 1997 (15.10.1997)

(25) en (26) en

(31) 60/028,156 (32) 16 Oct/oct 1996 (33) US
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 19/00, 19/03(54) THERMALLY RESPONSIVE COUPLING FOR
FLUID-CARRYING LINES
RACCORD THERMOSENSIBLE POUR CANA-
LISATIONS DE TRANSPORT DE FLUIDES(71) S.H. LEGGITT COMPANY [US/US]; 1000 Civic
Center Drive, San Marcos, TX 78666 (US).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) MUMMERT, Thomas, A. [US/US]; 287 Al-
mary Drive, Coldwater, MI 49036 (US).(74) CARRIER, Robert, J.; Price, Heneveld, Cooper,
DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box
2567, Grand Rapids, MI 49501 (US).(81) AU CA MX NZ US; EP (AT BE CH DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(11) WO 98/16772 (13) A1

(21) PCT/US97/18140

(22) 8 Oct/oct 1997 (08.10.1997)

(25) en (26) en

(31) TO96A000838 (32) 14 Oct/oct 1996 (33) IT
(14.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 21/035, 37/14(54) DEVICE FOR THE CONNECTION OF A HY-
DRAULIC APPARATUS TO AN EXTERNAL
COMPONENT
SYSTEME DE RACCORDEMENT D'UN APPA-
REIL HYDRAULIQUE A UN ELEMENT EX-
TERNE(71) MASCO CORPORATION OF INDIANA
[US/US]; 21001 Van Born Road, Taylor, MI 48180
(US).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) KNAPP, Francesco [IT/IT]; Via Brigata Pavia,
10, I-27100 Pavia (IT).(74) KAPUSTLIJ, Myron, B.; Masco Corporation,
21001 Van Born Road, Taylor, MI 48180 (US).(81) CA JP MX RU TR US; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/16773 (13) A1

(21) PCT/SE97/01717

(22) 14 Oct/oct 1997 (14.10.1997)

(25) sv (26) en

(31) 9603772-6 (32) 15 Oct/oct 1996 (33) SE
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 27/04(54) COUPLING MEMBER
ELEMENT DE RACCORDEMENT(71) NYBERG, Bo, Erik [SE/CH]; Schneitstrasse 71,
CH-6315 Oberägeri (CH).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) MOBERG, Lennart [SE/SE]; PI 7385, S-541
92 Skövde (SE).(74) HELLBORG, Torild; H. Albihns Patentbyrå AB,
P.O. Box 3137, S-103 62 Stockholm (SE).(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 98/16774 (13) A1

(21) PCT/FR97/01827

(22) 13 Oct/oct 1997 (13.10.1997)

(25) fr (26) fr

(31) 96/12627 (32) 16 Oct/oct 1996 (33) FR
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 33/207, 33/213(54) METHOD AND DEVICE FOR CONNECTING A
FLEXIBLE PIPE
PROCEDE ET DISPOSITIF DE RACCORDE-
MENT 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) DO, Anh, Tuan [FR/FR]; 26 bis, rue de
Chatou, F-95240 Corneilles en Parisy (FR). LE
NOUVEAU, Joël [FR/FR]; 278, rue Victor Hugo,
F-76480 Yainville (FR).(74) BERTRAND, Didier; S.A. Fedit-Loriot et 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 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 KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR 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 98/16775 (13) A1

(21) PCT/FR97/01826

(22) 13 Oct/oct 1997 (13.10.1997)

(25) fr (26) fr

(31) 96/12628 (32) 16 Oct/oct 1996 (33) FR
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F16L 41/08(54) METHOD FOR PREPARING A PIPE FOR TAP-
PING
PROCEDE DE PREPARATION D'UNE CON-
DUITE POUR UN PIQUAGE(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) DO, Anh, Tuan [FR/FR]; 26 bis, rue de
Chatou, F-95240 Corneilles en Parisy (FR).(74) BERTRAND, Didier; S.A. Fedit-Loriot et 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16776** (13) A1

(21) PCT/EP97/05458

(22) **4 Oct/oct 1997 (04.10.1997)**

(25) de (26) de

(31) 196 42 696.0 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F17C 13/00

(54) COMPRESSED-AIR CYLINDER BOUTEILLE A AIR COMPRI ME

(71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, D-60547 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLEBE, Ulrich** [DE/DE]; Am Vorstgraben 68, D-47647 Kerken (DE). **PONGRAZ, Johann** [DE/DE]; Im alten Bruch 12a, D-47259 Duisburg (DE). **THOMA, Klemens** [DE/DE]; Am Kleckers 22, D-47839 Krefeld (DE).

(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).

Published / Publiée : (c)

(11) **WO 98/16777** (13) A1

(21) PCT/IB97/01074

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 96202883.3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP

(34) AT et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F21Q 3/00, G08G 1/095

(54) SIGNAL LAMP WITH LEDs LAMPE DE SIGNALISATION A DIODES ELECTROLUMINESCENTES

(71) **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) **KEUPER, Matthijs, Hendrik**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN HEES, Antonius, Johannes, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VAN DER VEER, Johannis, L.**; 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 98/16778** (13) A1

(21) PCT/US97/17905

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 60/027,939 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/910,982 (32) **7 Aug/Août 1997 (07.08.1997)** (33) US

(31) Not furnished / non communiqué (32) **7 Oct/oct 1997 (07.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F21V 21/28

(54) LAMP WITH SAFETY FEATURES LAMPE AVEC DISPOSITIFS DE SECURITE

(71) **CATALINA LIGHTING, INC.** [US/US]; 18191 N. W. 68th Avenue, Miami, FL 33015 (US).

(72) **CAYA, Dennis**; 55 Norfolk Avenue, Easton, MA 02375 (US). **FAL, Chan, K.**; 6/F Kenning Industrial Building, 19 Wang Hoi Road, Kowloon Bay, Hong Kong (CN).

(74) **ZITO, Joseph, J.**; Suite 500, 1899 L Street, N.W., Washington, DC 20036 (US).

(81) BR CN JP KR; 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 98/16779** (13) A1

(21) PCT/US97/18447

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/730,581 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F23B 5/00, 5/02, 7/00, F23C 5/00, 5/08, 7/00, 7/02, 7/04, F23D 1/00, F23J 11/00, 15/00, F23L 1/00, 1/02, 9/00, 9/02, 9/04, F23M 5/00, 5/08

(54) CORROSION PROTECTION FOR UTILITY BOILER SIDE WALLS PROTECTION CONTRE LA CORROSION DES PAROIS LATERALES D'UNE CHAUDIERE DE CENTRALE

(71) **CINERGY TECHNOLOGY, INC.** [US/US]; 1000 E. Main Street, Plainfield, IN 46168 (US). **ENERGY SYSTEMS ASSOCIATES** [US/US]; 564 Washington Avenue, Pittsburgh, PA 15106-2848 (US).

(72) **KRAMER, Edward, D.**; 526 Hilton Court, Evansville, IN 47711 (US). **URICH, Joseph, A.**; 2065 Menold Drive, Allison Park, PA 15101 (US). **LO-CHART, Keith, S.**; 1006 Deertrail Drive, Lawrenceville, IL 62439 (US). **BREEN, Bernard, P.**; 630-B Trimont Lane, Pittsburgh, PA 15211 (US). **GABRIELSON, James, E.**; 11585 River-view Road, N.E., Hanover, MN 55341 (US).

(74) **THOMAS, Timothy, N.** 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).

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(31) 96/12845 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F23G 5/027, 5/20

(54) METHOD AND DEVICE FOR HEAT TREATMENT OF WASTE PRODUCTS PROCEDE ET INSTALLATION DE TRAITEMENT THERMIQUE DE DECHETS

(71) **SOCIETE D'ETUDES ET REALISATIONS EN PRODUCTIQUE AUTOMATISMES ET CONTROLES-SERPAC** [FR/FR]; Z.I. La Pontchonnaire, F-69210 L'Arbresle (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ROUSSEAU, Louis** [FR/FR]; 644, quai Pierre Dupont, F-69270 Rochetaillée-sur-Saône (FR).

(74) **SCHMITT, John**; Cabinet John Schmitt, 9, rue Pizay, F-69001 Lyon (FR).

(81) BR CA CN HU JP KR MX RU SG TR 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 98/16781** (13) A1

(21) PCT/US97/18673

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,379 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F23J 1/06, F23M 7/00

(54) EXPANDABLE PANEL FOR ENVIRONMENTALLY CONTROLLABLE CHAMBER PANNEAU EXTENSIBLE POUR ENCEINTE CONTROLABLE DU POINT DE VUE DE L'ENVIRONNEMENT

(71) **RELIABILITY INCORPORATED** [US/US]; 16400 Park Row, Houston, TX 77084 (US).

(72) **LILLJA, Charles**; 8814 Hazen Street, Houston, TX 77036 (US). **HUGH, David, Roy**; 14114 Longbourne Drive, Houston, TX 77077 (US).

(74) **SMITH, E., Randall** et al. / etc.; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

(81) JP KR SG.

(11) **WO 98/16782** (13) A1

(21) PCT/DE97/02344

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) 196 42 428.3 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(31) 196 44 715.1 (32) **28 Oct/oct 1996 (28.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F24F 5/00, A61H 33/02

(54) METHOD FOR CONDUCTING WATER AND AIR TO A SWIMMING POOL AND DEVICE THEREFOR PROCEDE D'ALIMENTATION EN EAU ET EN AIR D'UN BASSIN DE NATATION ET DISPOSITIF CORRESPONDANT

(71, 72) **SCHYDLO, Martin, T.** [DE/DE]; Am Obersthof 25, D-40883 Ratingen (DE).

(74) **VOMBERG, Friedhelm**; Schulstrasse 8, D-42653 Solingen (DE).

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

Published / Publiée : (c)

(11) **WO 98/16783** (13) A1

(21) PCT/US97/18816

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(25) en (26) en

(31) 60/029,920 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F24H 1/10

(54) PURGED GROUNDED IMMERSION HEATER THERMOPLONGEUR DOTE D'UNE MISE A LA TERRE ET D'UN SYSTEME DE PURGE

(71) **LUFTRAN INCORPORATED** [US/US]; 10200 Wellman Road, Streetsboro, OH 44241 (US).

(72) **YANE, Daryl, J.**; 1243 Lake Roger Drive, Kent, OH 44240 (US). **BASE, Howard, J.**; 938 Florence Drive, Macedonia, OH 44056 (US).

(74) **MOLDOVANYI, Jay, F.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, Suite 700, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

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

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(21) PCT/US97/16789

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(25) en (26) en

(31) 08/733,187 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F25B 45/00, A62D 3/00, B01J 19/12

(54) REFRIGERANT DISPOSAL DESTRUCTION D'UN REFRIGERANT

(71) **CARRIER CORPORATION** [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **SATYAPAL, Sunita**; 18 Harlan Place, East Hampton, CT 06424 (US). **SIENEL, Tobias, H.**; 179 Walek Farms Road, Manchester, CT 06040 (US). **MICHEL, H., Harvey**; 7 Tumblebrook Lane, West Hartford, CT 06117 (US). **FREIHAUT, James, D.**; 8 Woodcock Lane, South Windsor, CT 06074 (US).

(74) **HABELT, William, W.** et al. / etc.; Carrier Corporation, Intellectual Property Dept., Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (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 KR KZ 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; EA (AM AZ BY 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 98/16785** (13) A1

(21) PCT/IT97/00144

(22) **20 Jun/juin 1997 (20.06.1997)**

(25) en (26) en

(31) UD96A000197 (32) **16 Oct/oct 1996 (16.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F28C 1/14, F28D 5/00

(54) APPARATUS FOR RECOVERING THE COOLING FLUID OF HEAT EXCHANGE CIRCUITS APPAREIL DE RECUPERATION DU FLUIDE DE REFROIDISSEMENT DE CIRCUITS D'ECHANGE THERMIQUE

(71) **DE GIUSTI, Mauro** [IT/IT]; Vicolo Nuovo, 17, I-31020 S. Vendemiano (IT). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MEDESSI, Enrico** [IT/IT]; Via Garzarolli, 134, I-34170 Gorizia (IT).

(74) **D'AGOSTINI, Giovanni**; D'Agostini Organizzazione, Via G. Giusti, 17, I-33100 Udine (IT).

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

(11) **WO 98/16786** (13) A1

(21) PCT/FR97/01803

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) fr (26) fr

(31) 96/12468 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F28D 9/00, B23K 26/10

(54) HEAT EXCHANGER, AND HEAT EXCHANGING BEAM, AND RELATED WELDING METHODS AND PRODUCTION ECHANGEUR DE CHALEUR, ET FAISCEAU D'ECHANGE DE CHALEUR, AINSI QUE PROCÉDES DE SOUDAGE ET DE REALISATION S'Y RAPPORTANT

(71) **ZIEMANN-SECATHEN** [FR/FR]; Route de Harskirchen, F-67260 Sarre-Union (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLAUDEL, Michel** [FR/FR]; Lotissement Hoff, Est No. 8, F-57400 Sarrebourg (FR). **FAUCONNIER, Jean-Claude** [FR/FR]; 71, avenue de Villiers, F-75017 Paris (FR). **GUIDAT, Roland** [FR/FR]; 24, rue Général Patton, F-54000 Nancy (FR).

(74) **PONTET, Bernard** et al. / etc.; Pontet Allano & Associés S.E.L.A.R.L., 25, rue Jean Rostand, Parc-Club Orsay-Université, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(25) ja (26) ja

(31) 8/275057 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F28D 9/00

(54) HEAT EXCHANGER ECHANGEUR DE CHALEUR

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMIO, Junichi** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP). **TSUNODA, Tadaashi** [JP/JP]; Kabushiki Kaisha Hondo Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP).

(74) **OCHIAI, Takeshi** et al. / etc.; Nomura Fudosan Shinbashi 5-chome Building, 9-1, Shinbashi 5-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/16788** (13) A1

(21) PCT/JP97/03780

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) ja (26) ja

(31) 8/275051 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(31) 8/275052 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(31) 8/275054 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ F28D 9/00

(54) HEAT EXCHANGER ECHANGEUR DE CHALEUR

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANAI, Hideyuki** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP). **TSUNODA, Tadaashi** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP).

(74) **OCHIAI, Takeshi** et al. / etc.; Nomura Fudosan Shinbashi 5-chome Building, 9-1, Shinbashi 5-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/16789** (13) A1

(21) PCT/JP97/03781

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) ja (26) ja

(31) 8/275053 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(31) 8/275055 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

(31) 8/275056 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F28D 9/00, F28F 3/04
- (54) HEAT EXCHANGER
ECHANGEUR DE CHALEUR
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANAI, Hideyuki** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP). **TSUNODA, Tadashi** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP). **ENDO, Tsuneo** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP). **WAKAYAMA, Tokiyuki** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP).
- (74) **OCHIAI, Takeshi** et al. / etc.; Nomura Fudosan Shinbashi 5-chome Building, 9-1, Shinbashi 5-chome, Minato-ku, Tokyo 105 (JP).
- (81) BR CA 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 98/16790** (13) A1
- (21) PCT/JP97/03848
- (22) **17 Oct/oct 1997 (17.10.1997)**
- (25) ja (26) ja
- (31) 8/275058 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F28D 9/00
- (54) HEAT EXCHANGER
ECHANGEUR DE CHALEUR
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSUNODA, Tadashi** [JP/JP]; Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-01 (JP).
- (74) **OCHIAI, Takeshi** et al. / etc.; Nomura Fudosan Shinbashi 5-chome Building, 9-1, Shinbashi 5-chome, Minato-ku, Tokyo 105 (JP).
- (81) BR CA 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 98/16791** (13) A1
- (21) PCT/DK97/00441
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 1124/96 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DK
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F28F 9/013
- (54) A TUBE SHEET SEGMENT, A HEAT EXCHANGER, AND A METHOD OF MANUFACTURING A TUBE BUNDLE FOR A HEAT EXCHANGER
SEGMENT DE PLAQUE TUBULAIRE, ECHANGEUR DE CHALEUR ET PROCÉDE DE FABRICATION D'UN FAISCEAU DE TUBES POUR ECHANGEUR DE CHALEUR
- (71) **AALBORG INDUSTRIES A/S** [DK/DK]; Gasvaerksvej 24, P.O. Box 661, DK-9100 Aalborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HYLDGAARD, Niels, Joergen** [DK/DK]; Myhlenbergvej 10, DK-9510 Arden (DK).
- (74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (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 HU ID IL IS JP KE KG KP KR KZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16792** (13) A1
- (21) PCT/SE97/01712
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) sv (26) en
- (31) 9603739-5 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F28F 9/02
- (54) SUPPORT PLATE FOR TUBE HEAT EXCHANGERS AND A TUBE HEAT EXCHANGER
PLAQUE DE SUPPORT POUR ECHANGEURS DE CHALEUR A TUBES ET ECHANGEUR DE CHALEUR A TUBES
- (71) **EDMESTON AB** [SE/SE]; Drakegatan 6, S-412 50 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGLUND, Göran** [SE/SE]; Odengatan 24, S-811 34 Sandviken (SE). **ERIKSSON, Ulf** [SE/SE]; Plantagegatan 6 C, S-413 05 Göteborg (SE).
- (74) **TÅQUIST, Lennart**; Sandvik Aktiebolag, Patent Dept., SE-811 81 Sandviken (SE).
- (81) AU BR CA CN CZ JP MX 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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- (11) **WO 98/16793** (13) A1
- (21) PCT/UA96/00014
- (22) **15 Oct/oct 1996 (15.10.1996)**
- (25) ru (26) ru
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F28F 25/06, F28C 1/00
- (54) DEVICE FOR SEPARATING WATER IN A COOLING TOWER
DISPOSITIF POUR LA SEPARATION DE L'EAU DANS UNE TOUR DE REFRROIDISSEMENT
- (71, 72) **KIDALJUK, Sergei Evgenievich** [UA/UA]; ul. Geroev Dnepra, 19-309, Kiev, 254209 (UA). **DOVGOPOL, Vladimir Ivanovich** [UA/UA]; ul. Bereznyakovskaya, 22-203, Kiev, 253152 (UA).
- (74) **DOVGOPOL, Vladimir Ivanovich**; ul. Bereznyakovskaya, 22-203, Kiev, 253152 (UA).
- (81) UA; EA (AM AZ BY 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 98/16794** (13) A2
- (21) PCT/RU97/00320
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) ru (26) ru
- (31) 96120588 (32) **11 Oct/oct 1996 (11.10.1996)** (33) RU
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ F41F
- (54) ONE-MAN AIR-DEFENCE GUIDED MISSILE
MISSILE GUIDE DE DEFENSE AERIENNE UTILISABLE PAR UNE PERSONNE
- (71) **KONSTRUKTORSKOE BJURO MASHINOSTROENYA** [RU/RU]; Oksky pr., 42, Moskovskaya obl., Kolonna, 140402 (RU).
- (72) **GÜSCHIN, Nikolai Ivanovich**; ul. Kolomenskaya naberezhnaya, 1, Moskovskaya obl., Kolonna, 140400 (RU). **FOKIN, Ruslan Vasilievich**; ul. Berkina, 2-1-29, Mhoskovskaya obl., Voskresensk, 140200 (RU). **DEEV, Leonid Georgievich**; ul. Dzerzhinskogo, 14-41, Moskovskaya obl., Kolonna, 140406 (RU). **BATISCHEV, Konstantin Alexandrovich**; ul. Filina, 5-85, Moskovskaya obl., Kolonna, 140404 (RU). **SUDARIKOV, Valery Ivanovich**; ul. Lenina, 2-14, Moskovskaya obl., Kolonna, 140406 (RU). **SMIRNOV, Alexandr Gennadievich**; ul. Oktyabrskoi revolyutsii, 370-3, Moskovskaya obl., Kolonna, 140406 (RU). **OGNEV, Vladimir Nikolaevich**; ul. Makeeva, 14-14, Moskovskaya obl., Kolonna, 140411 (RU). **VUKOLOV, Alexandr Sergeevich**; pr. Kirova, 47-61, Moskovskaya obl., Kolonna, 140411 (RU). **YABLONSKY, Alexandr Sergeevich**; ul. Dzerzhinskogo, 2-128, Moskovskaya obl., Kolonna, 140406 (RU). **KUVSHINOV, Alfei Mikhailovich**; ul. Devichie pole, 23-177, Moskovskaya obl., Kolonna, 140404 (RU). **VOROBIEV, Viktor Evgenievich**; ul. Dzerzhinskogo, 17-43, Moskovskaya obl., Kolonna, 140406 (RU). **ZHUKOV, Alexandr Pavlovich**; ul. Oktyabrskoi revolyutsii, 370-16, Moskovskaya obl., Kolonna, 140406 (RU).
- (81) BG BR CN KR PL SG.
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- (11) **WO 98/16795** (13) A2
- (21) PCT/US97/17058
- (22) **24 Sep/sep 1997 (24.09.1997)**
- (25) en (26) en
- (31) 08/730,789 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01B
- (54) EXTENSOMETER STRUCTURE
STRUCTURE D'EXTENSOMETRE
- (71) **MTS SYSTEMS CORPORATION** [US/US]; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US).
- (72) **MEYER, Richard, A.**; 304 Lime Street, Carver, MN 55315 (US).
- (74) **KOEHLER, Steven, M.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 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).
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- (11) **WO 98/16796** (13) A1
- (21) PCT/US97/18025
- (22) **3 Oct/oct 1997 (03.10.1997)**

- (25) en (26) en
(31) 733,705 (32) **17 Oct/oct 1996** (33) US
(17.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01B 9/02, 11/24
- (54) INTERFEROMETRIC MEASUREMENT OF TORIC SURFACES AT GRAZING INCIDENCE
MESURE INTERFEROMETRIQUE DE SURFACES TORIQUES EN INCIDENCE RASANTE
- (71) **TROPEL CORPORATION** [US/US]; 60 O'Connor Road, Fairport, NY 14450 (US).
- (72) **BRUNING, John, H.;** 16 Chipmunk Trail, Pittsford, NY 14534 (US).
- (74) **RYAN, Thomas, B. et al. / etc.;** Eugene Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).
- (81) DE (Utility model / modèle d'utilité) GB 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 98/16797** (13) A1
(21) PCT/EP97/05410
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) de (26) de
(31) 196 42 293.0 (32) **14 Oct/oct 1996** (33) DE
(14.10.1996)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01B 11/00, 11/02
(54) INSTRUMENT FOR MEASURING COORDINATES
INSTRUMENT DE MESURE DES COORDONNEES
(71) **CARL ZEISS JENA GMBH** [DE/DE]; Tatzendpromenade 1a, D-07745 Jena (DE).
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(72, 75) **CORRENS, Nico** [DE/DE]; Malerstieg 2, D-99425 Weimar (DE). **SPRING, Klaus** [DE/DE]; Dorfstrasse 29 b, D-99510 Hermstedt (DE).
(74) **CARL ZEISS JENA GMBH;** Tatzendpromenade 1a, D-07745 Jena (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 98/16798** (13) A1
(21) PCT/US97/18264
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/028,808 (32) **17 Oct/oct 1996** (33) US
(17.10.1996)
(31) 08/893,329 (32) **16 Jul/juil 1997** (33) US
(16.07.1997)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01B 11/24, G01N 21/88
(54) OPTICAL PROFILOMETRY
PROFILOMETRIE OPTIQUE
(71) **LUCID TECHNOLOGIES, INC.** [US/US]; 235 Middle Road, Henrietta, NY 14467 (US).
(72) **ZAVISLAN, James, M.;** 5 Wandering Trail, Pittsford, NY 14534 (US).
- (74) **LUKACHER, Martin;** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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); EP (AT BE CH DE DK ES FI FR 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 98/16799** (13) A1
(21) PCT/US97/18471
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 734,402 (32) **16 Oct/oct 1996** (33) US
(16.10.1996)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01B 11/24, 11/30
(54) INTERFEROMETER WITH CATADIOPTRIC IMAGING SYSTEM HAVING EXPANDED RANGE OF NUMERICAL APERTURE
INTERFEROMETRE MUNI D'UN SYSTEME D'IMAGERIE CATADIOPTRIQUE A OUVERTURE NUMERIQUE ETENDUE
(71) **TROPEL CORPORATION** [US/US]; 60 O'Connor Road, Fairport, NY 14450 (US).
(72) **VANKERKHOVE, Steven, J.;** 41 Knickerbocker Avenue, Rochester, NY 14615 (US).
(74) **RYAN, Thomas, B. et al. / etc.;** Eugene Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).
(81) DE JP KR; 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 98/16800** (13) A1
(21) PCT/US97/18221
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/028,272 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01B 17/02
(54) ACOUSTICAL METHOD AND SYSTEM FOR MEASURING BARRIER MEMBRANE THICKNESS AND THE CORRESPONDENT AREA DISTRIBUTION USING MAXIMUM TRANSMISSION OR MAXIMUM REFLECTION COEFFICIENTS
PROCEDE ET SYSTEME ACOUSTIQUES FAISANT APPEL A DES COEFFICIENTS DE TRANSMISSION MAXIMALE OU DE REFLEXION MAXIMALE POUR MESURER L'EPAISSEUR D'UNE MEMBRANE FORMANT BARRIERE ET LA REPARTITION DE SURFACE CORRESPONDANTE
(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; The Centers for Disease Control and Prevention, 1600 Clifton Road, N.E., Atlanta, GA 30333 (US).
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(72, 75) **ZENG, Shengke** [-/US]; 121 Eastgate Drive, Morgantown, WV 26505 (US). **BERARDINELLI, Stephen, P.** [US/US]; 708 Louise Avenue, Morgantown, WV 26505 (US).
- (74) **SAMPLES, Kenneth, H. et al. / etc.;** Fitch, Even, Tabin & Flannery, Suite 900, 135 South LaSalle Street, Chicago, IL 60603-4277 (US).
- (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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- Published / Publiée : (c)
- (11) **WO 98/16801** (13) A1
(21) PCT/US97/18628
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 08/730,732 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)
(31) 60/031,383 (32) **20 Nov/nov 1996** (33) US
(20.11.1996)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01C 3/08, G01B 11/24
(54) INTELLIGENT VEHICLE HIGHWAY MULTI-LANE SENSOR
CAPTEUR MULTI-VOIES POUR SYSTEME AUTOROUTIER INTELLIGENT POUR VEHICULES
(71) **SCHWARTZ ELECTRO-OPTICS, INC.** [US/US]; 3404 North Orange Blossom Trail, Orlando, FL 32804 (US).
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(72, 75) **WANGLER, Richard, J.** [US/US]; 2450 Derbyshire Road, Maitland, FL 32751 (US). **GUSTAVSON, Robert, L.** [US/US]; 730 Sailfish Road, Winter Springs, FL 32708 (US). **McCONNELL, Robert, E., II** [US/US]; 413 Loblolly Court, Longwood, FL 32750 (US). **FOWLER, Keith, L.** [US/US]; 55340 Cinderlane Parkway, Orlando, FL 32804 (US). **KREEGER, Kevin, A.** [US/US]; 115 Randall Avenue, Port Jefferson, NY 11777 (US).
(74) **NAPOLITANO, Carl, M.;** Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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)
- (11) **WO 98/16802** (13) A1
(21) PCT/EP97/05211
(22) **23 Sep/sep 1997 (23.09.1997)**
(25) de (26) de
(31) 196 42 680.4 (32) **16 Oct/oct 1996** (33) DE
(16.10.1996)
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01D 5/38
(54) OPTICAL POSITION INDICATOR
INDICATEUR OPTIQUE DE POSITION
(71) **DR. JOHANNES HEIDENHAIN GMBH** [DE/DE]; Postfach 12 60, D-83292 Traunreut (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HUBER, Walter** [DE/DE]; Wartbergfeldstrasse 20, D-83278 Traunstein (DE).

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

(11) **WO 98/16803** (13) A1

(21) PCT/ES97/00230

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) es (26) es

(31) P 9602163 (32) **14 Oct/oct 1996 (14.10.1996)** (33) ES

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01D 11/30, H02B 1/044

(54) IMPROVEMENTS TO MEASUREMENT OR CONTROL INSTRUMENTS
AMELIORATIONS APORTEES AUX INSTRUMENTS DE MESURE OU DE CONTROLE

(71) **S.A. SISTEL** [ES/ES]; Santanac, 25, E-08206 Sabadell (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BATET TORRAS, Jordi** [ES/ES]; Santanac, 25, E-08206 Sabadell (ES).

(74) **FORTEA LAGUNA, Juan José**; Esperanto, 1-6è-2a, E-08190 Sant Cugat del Vallès (ES).

(81) 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 98/16804** (13) A1

(21) PCT/US97/18516

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/730,756 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01F 1/09, 1/095, G02B 27/28

(54) MULTIPORT NON-RECIPROCAL OPTICAL DEVICE
DISPOSITIF OPTIQUE NON RECIPROQUE A POINTS D'ACCES MULTIPLES

(71) **U.S.A. KAIFA TECHNOLOGY, INC.** [US/US]; 388 Oakmead Parkway, Sunnyvale, CA 94086 (US).

(72) **LI, Wei-Zhong**; 1829 Glacier Bay Terrace, San Jose, CA 95131 (US). **AU-YEUNG, Vincent**; 24965 La Loma Drive, Los Altos, CA 94022 (US). **HU, Guojiang**; 975 Helen Avenue #2, Sunnyvale, CA 94086 (US).

(74) **ALBOSZTA, Marek**; 426 Lowell Avenue, Palo Alto, CA 94301 (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 98/16805** (13) A1

(21) PCT/SE97/01281

(22) **15 Jul/juil 1997 (15.07.1997)**

(25) sv (26) en

(31) 9603728-8 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01F 11/08, B65D 83/00

(54) DEVICE FOR METERING FLUID FROM A PRODUCT CONTAINER

DISPOSITIF DE MESURE DE FLUIDE A PARTIR D'UN RECEPTACLE CONTENANT UN PRODUIT

(71, 72) **MÄKINEN, Esa** [SE/SE]; Björnsonsgatan 315, S-161 56 Bromma (SE).

(74) **SUNDSTRÖM, Per** et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16806** (13) A1

(21) PCT/US97/18444

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/731,319 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01K 7/00, 13/00, A61B 5/00

(54) DIGITAL FEVER THERMOMETER HAVING AN ILLUMINATED DISPLAY AND A NON-AUDIBLE ANNUNCIATOR
THERMOMETRE NUMERIQUE MEDICAL MUNI D'UN PANNEAU D'AFFICHAGE LUMINEUX ET D'UN INDICATEUR NON SONORE

(71, 72) **WEISS, John** [US/US]; 8 Biscayne Drive, Mt. Sinai, NY 11766 (US). **MALIN, Donald, S.** [US/US]; Apartment 3C, 1961 N. Lincoln, Chicago, IL 60614 (US).

(74) **HOFFMAN, Charles, R.** et al. / etc.; Hoffman & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

(81) BR CN 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 98/16807** (13) A1

(21) PCT/AU97/00690

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) PO 2961 (32) **15 Oct/oct 1996 (15.10.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01K 11/32 // 11/20, G01D 1/14, 1/16

(54) DOPED SILICA WAVEGUIDE FIBER OPTIC TEMPERATURE SENSOR
CAPTEUR DE TEMPERATURE A FIBRE OPTIQUE A GUIDE D'ONDE EN SILICE DOPEE

(71) **VICTORIA UNIVERSITY** [AU/AU]; Ballarat Road, Footscray, VIC 8001 (AU). **FUTURE FIBRE TECHNOLOGIES PTY. LTD.** [AU/AU]; 2 Ralton Avenue, Glen Waverley, VIC 3150 (AU). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).
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(72, 75) **BAXTER, Gregory, William** [AU/AU]; Victoria University, Ballarat Road, Footscray, VIC 8001 (AU). **COLLINS, Stephen, Frederick** [AU/AU]; Victoria University, Ballarat Road, Footscray, VIC 8001 (AU). **WADE, Scott, Andrew** [AU/AU]; Victoria University, Ballarat Road, Footscray,

VIC 8001 (AU). **MONNOM, Gerard, Marius** [FR/FR]; Centre National de la Recherche Scientifique, 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). **MAURICE, Eric, Philippe** [FR/FR]; Centre National de la Recherche Scientifique, 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). **OSTROWSKY, Daniel, Barry** [US/FR]; Centre National de la Recherche Scientifique, 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).

(74) **WILSON, Stephen, Henry**; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16808** (13) A1

(21) PCT/IB97/01264

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) ja (26) ja

(31) 8/269466 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01M 3/04

(54) LEAKAGE INSPECTION DEVICE FOR A PLURALITY OF GAS VESSELS
DISPOSITIF DE RECHERCHE DE FUITE SUR PLUSIEURS BOUTEILLES DE GAZ

(71) **TEISAN KABUSHIKI KAISHA** [JP/JP]; Nihon Gas Kyokai Building 7F, 15-12, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
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(72, 75) **SUMIOKI, Kanji** [JP/JP]; Minamata Factory of Kumamoto Oxyton K.K., 1-1, Noguchi-cho, Minamata-shi, Kumamoto-ken 867 (JP).

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

(81) CA US; EP (BE DE ES FR IT).

(11) **WO 98/16809** (13) A1

(21) PCT/EP97/04423

(22) **13 Aug/Août 1997 (13.08.1997)**

(25) de (26) de

(31) 196 42 099.7 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01M 3/22, 3/32

(54) PROCESS FOR TESTING THE TIGHTNESS OF PACKAGES
CONTROLE DE L'ETANCHEITE D'EMBALLAGES

(71) **LEYBOLD VAKUUM GMBH** [DE/DE]; Bonner Strasse 498, D-50968 Köln (DE).
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(72, 75) **NOTHELFER, Markus** [DE/DE]; Im Bendchen 50, D-50169 Kerpen (DE). **SECKEL, Ingo** [DE/DE]; Roisdorfer Strasse 3, D-50321 Brühl (DE).

(74) **LEINWEBER, Jürgen**; Aggerstrasse 24, D-50859 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 98/16810** (13) A1

(21) PCT/US96/16355

(22) **15 Oct/oct 1996 (15.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01M 17/02

(54) METHOD OF CORRECTING THE IMBALANCE OF A PNEUMATIC TIRE WITH A TIRE UNIFORMITY MACHINE
PROCEDE DE CORRECTION DU BALOURD D'UN PNEU A L'AIDE D'UNE MACHINE DE CONTROLE D'UNIFORMITE DE PNEU

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44309-3531 (US).
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(72, 75) **DUNN, William, Frank** [US/US]; 4730 Nottingham Lane, Stow, OH 44224 (US). **MALONEY, John, Michael** [US/US]; 3551 Longwood Drive, Medina, OH 44256 (US). **LIPCZYŃSKI, George, Jeffrey** [US/US]; 7472 Forthampton Court, Hudson, OH 44236 (US).

(74) **COHN, Howard, Martin**; c/o Robert Brown, The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (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 (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 98/16811** (13) A1

(21) PCT/US97/14396

(22) **18 Aug/Août 1997 (18.08.1997)**

(25) en (26) en

(31) 60/028,282 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/856,818 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 1/04, G21C 17/017

(54) SAMPLE REMOVING TOOL AND METHOD THEREFOR
PROCEDE ET OUTIL D'EXTRACTION D'ECHANTILLON

(71) **COMBUSTION ENGINEERING, INC.** [US/US]; 2000 Day Hill Road, Windsor, CT 06095 (US).

(72) **LAMOUREUX, Edward, F.**; 195 Glendale Road, Hampden, MA 01036 (US). **THEROUX, John, F.**; 261 Papermill Road, Westfield, MA 01085 (US). **FORMANEK, Frank, J.**; 940 S. Grand, West Suffield, CT 06093 (US). **DEPEAU, Alfred, A.**; 158 Scully Road, Somers, CT 06071 (US).

(74) **MULHOLLAND, John, H.** et al. / etc.; ABB Combustion Engineering Nuclear Power, Combustion Engineering, Inc., 2000 Day Hill Road, Windsor, CT 06095 (US).

(81) AL AM AU BA BB BG BR CA CN CZ EE FI GE HU IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN; 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 98/16812** (13) A1

(21) PCT/US97/18355

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,428 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 1/22

(54) BREATH MONITORING APPARATUS
APPAREIL DE SURVEILLANCE DE L'AIR EXPIRE PAR UNE PERSONNE

(71) **ALCOHOL SENSORS INTERNATIONAL, LTD.** [US/US]; 11 Oval Drive, Islandia, NY 11722 (US).

(72) **KOPPEL, Ronald**; 44 Glade Way, Huntington, NY 11743 (US). **KIRCHMEIER, Edwin**; 35 Falcon Drive, Hauppauge, NY (US).

(74) **BONDELL, Jay, A.** et al. / etc.; Schweitzer Corman Gross & Bondell, LLP, Suite 2200, 230 Park Avenue, New York, NY 10169 (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).

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(11) **WO 98/16813** (13) A1

(21) PCT/US97/18544

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(25) en (26) en

(31) 08/720,979 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 1/31, 1/30

(54) REAGENT STRIP SLIDE STAINER
APPAREIL POUR COLORATION DE LAMES A COMPARTIMENT DE REACTION

(71, 72) **CHIANESE, David** [US/US]; 41 Saint Pauls Road, Ardmore, PA 19003 (US).

(74) **PETOCK, Michael, F.**; 46 The Commons at Valley Forge, 1220 Valley Forge Road, P.O. Box 856, Valley Forge, PA 19482-0856 (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 98/16814** (13) A1

(21) PCT/EP97/05619

(22) **11 Oct/oct 1997 (11.10.1997)**

(25) en (26) en

(31) 96116373.0 (32) **12 Oct/oct 1996 (12.10.1996)** (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 15/02

(54) METHOD OF ANALYSIS OF SAMPLES BY DETERMINATION OF A FUNCTION OF SPECIFIC BRIGHTNESS
PROCEDE D'ANALYSE D'ECHANTILLONS PAR DETERMINATION D'UNE FONCTION DE LUMINANCE SPECIFIQUE

(71) **EVOTEC BIOSYSTEMS GMBH** [DE/DE]; Grandweg 64, D-22529 Hamburg (DE).
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(72, 75) **KASK, Peet** [EE/EE]; Uus 5-3, EE3051 Harku (EE).

(74) **MEYERS, Hans-Wilhelm** et al. / etc.; Postfach 10 22 41, D-50462 Köln (DE).

(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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16815** (13) A1

(21) PCT/US97/18451

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/732,063 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 21/00

(54) TWO-MODE SURFACE DEFECT TESTING SYSTEM
SYSTEME DE DETECTION DE DEFATS DE SURFACE A DEUX MODES

(71) **ATLAS ELECTRIC DEVICES CO.** [US/US]; 4114 N. Ravenswood Avenue, Chicago, IL 60613 (US).

(72) **LEE, Frederick, H.**; 807 N.W. 89th Avenue, Plantation, FL 33324 (US).

(74) **GERSTMAN, George, H.**; Gerstman, Ellis & McMillin, Ltd., Suite 2010, 2 North LaSalle Street, Chicago, IL 60602 (US).

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

(11) **WO 98/16816** (13) A1

(21) PCT/SE97/01708

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 9603765-0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 21/89, 33/34

- (54) A METHOD AND MEASURING MACHINE FOR ANALYZING A PAPER WEB
PROCEDE ET APPAREIL DE MESURE PERMETTANT D'ANALYSER UNE BANDE CONTINUE DE PAPIER
- (71) **STORA KOPPARBERGS BERGSLAGS AB** [SE/SE]; Åsgatan 22, S-791 80 Falun (SE).
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- (71) **LIND, Ella-Britt** (heirress of the deceased inventor / héritière de l'inventeur décédé) [SE/SE]; Bygatan 3, S-795 35 Rättvik (SE).
(only for / seulement pour US)
- (72) **LIND, Bengt** (deceased / décédé).
- (74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, P.O. Box 80, S-651 03 Karlstad (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 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).
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- (11) **WO 98/16817** (13) A1
(21) PCT/US97/15679
(22) **5 Sep/sep 1997 (05.09.1997)**
(25) en (26) en
(31) 08/732,613 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 23/04
- (54) METHOD FOR DETECTING AN IMAGE OF AN OBJECT
DISPOSITIF SERVANT A DETECTER UNE IMAGE D'UN OBJET
- (71) **ILLINOIS INSTITUTE OF TECHNOLOGY** [US/US]; 10 West 33rd Street, Chicago, IL 60616 (US).
- (72) **CHAPMAN, Leroy, Dean**; 4 Vermont Circle, Bolingbrook, IL 60440 (US). **THOMLINSON, William, C.**; 32 East Masem, East Patchogue, NY 11772 (US). **ZHONG, Zhong**; Apartment I 1131 Chaping, 700 E. Loop Road, Stonybrook, NY 11790 (US).
- (74) **PAULEY, Douglas, H.** et al. / etc.; Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (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 98/16818** (13) A1
(21) PCT/US97/15839
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 08/729,433 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01N 25/20
- (54) ULTRASENSITIVE DIFFERENTIAL MICRO-CALORIMETER
MICROCALORIMETRE DIFFERENTIEL ULTRASENSIBLE
- (71) **MICROCAL INCORPORATED** [US/US]; 22 Industrial Drive East, Northampton, MA 01060 (US).
- (72) **PLOTNIKOV, Valerian, V.**; 79 North Plain Road, Sunderland, MA 01375 (US). **BRANDTS, John, F.**; 453 Audubon Road, Leeds, MA 01053 (US). **BRANDTS, Michael, J.**; 15 Robert Drive, Holyoke, MA 01040 (US).
- (74) **PRAHL, Eric, L.**; Fish & Richardson PC, 225 Franklin Street, Boston, MA 02110 (US).
- (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/16819** (13) A1
(21) PCT/DE97/02356
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) de (26) de
(31) 196 42 453.4 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 27/12
- (54) DEVICE FOR GAS-SENSING ELECTRODES
DISPOSITIF POUR ELECTRODES DETECTRICES DE GAZ
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **HAHN, Dietmar** [DE/DE]; Muehlstrasse 30, D-70839 Gerlingen (DE). **FLIK, Gottfried** [DE/DE]; Burghalde 52, D-71229 Leonberg (DE). **SCHUMANN, Bernd** [DE/DE]; Daimlerstrasse 23, D-71277 Rutesheim (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 98/16820** (13) A1
(21) PCT/US97/18820
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,314 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
(31) 08/745,654 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 27/26, 27/447
- (54) ELECTROPHORESIS CASSETTE
CASSETTE D'ELECTROPHORESE
- (71) **HOEFER PHARMACIA BIOTECH, INC.** [US/US]; 654 Minnesota Street, P.O. Box 77387, San Francisco, CA 94107-0387 (US).
- (72) **HAVEN, Kenneth, R.**; 43542 Excelso Drive, Fremont, CA 94539 (US). **ERIKSSON, Sören**; Hanselligatan 6, S-754 50 Uppsala (SE).
- (74) **BENGTSSON, W., Patrick** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (US).
- (81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/16821** (13) A1
(21) PCT/US97/18296
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) en (26) en
(31) 08/732,021 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 31/22, 33/18
- (54) DEVICE AND METHOD FOR THE DETERMINATION OF WATER
DISPOSITIF ET PROCEDE UTILISES POUR DETERMINER LA TENEUR EN EAU
- (71) **ENVIRONMENTAL TEST SYSTEMS, INC.** [US/US]; 23575 County Road 106, Elkhart, IN 46514 (US).
- (72) **EVTODIENKO, Yuriy Vladimirovich**; Puschino "B" -28-50, Moscow Region, 142292 (RU). **MEDVEDEV, Boris Ivanovich**; Apartment 26, Puschino, V-29, Moscow Region, 142292 (RU).
- (74) **STEPHENSON, Harry, T.**; 23575 County Road 106, Elkhart, IN 46514 (US).
- (81) AU CA 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 98/16822** (13) A1
(21) PCT/BR96/00046
(22) **15 Oct/oct 1996 (15.10.1996)**
(25) en (26) en
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 33/32, G01J 3/46
- (54) FLUID ANALYSIS SYSTEM AND METHOD, FOR ANALYSING CHARACTERISTIC PROPERTIES OF A FLUID
SYSTEME ET PROCEDE D'ANALYSE DE FLUIDES, POUR ANALYSER LES PROPRIETES CARACTERISTIQUES D'UN FLUIDE
- (71) **RENNER HERRMANN S.A.** [BR/BR]; Avenida Assis Brasil, 3966, CEP-91010-003 Porto Alegre, RS (BR).
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- (72, 75) **BATISTA AUAD, Rogério** [BR/BR]; Apartamento 408, Rua Visconde de Pelotas, 155, CEP-91030-530 Porto Alegre, RS (BR).
- (74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA**; Caixa Postal 2142, CEP-20001-970 Rio de Janeiro, RJ (BR).
- (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 UZ VN; AP (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 98/16823** (13) A1
(21) PCT/EP97/05623
(22) **13 Oct/oct 1997 (13.10.1997)**

- (25) en (26) en
 (31) 60/028,402 (32) **15 Oct/oct 1996** (33) US
 (15.10.1996)
 (31) 08/801,792 (32) **14 Feb/fév 1997** (33) US
 (14.02.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/36, G06T 11/40
 (54) YARN AND FABRIC SIMULATION SYSTEM
 SYSTEME DE SIMULATION DE FILS ET DE
 TISSUS
 (71) **CIS GRAPHIK UND BILDVERARBEITUNG
 GMBH** [DE/DE]; Helmholtzstrasse 21, D-41747
 Vierns (DE).
 (72) **HARDT, Klaus**; Fockestrasse 24, D-41069
 Mönchengladbach (DE). **UHLIG, Arnfried**;
 Bismarckstrasse 13, D-41747 Vierns (DE).
 (74) **SPARING, Klaus** et al. / etc.; Rethelstrasse 123,
 D-40237 Düsseldorf (DE).
 (81) AU BR CA CN JP MX NZ RU SG TR; EP (AT
 BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE).

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- (11) **WO 98/16824** (13) A1
 (21) PCT/DE97/02346
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) de (26) de
 (31) 196 42 439.9 (32) **15 Oct/oct 1996** (33) DE
 (15.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/48, 21/84, C12N 15/82
 (54) METHOD FOR OPTIC DETECTION AND
 TREATMENT OF CULTIVATED PLANTS AND
 NON BIOLOGICALLY TRANSFORMED CUL-
 TIVATED PLANTS
 PROCEDE DE DETECTION OPTIQUE ET DE
 TRAITEMENT DE PLANTES CULTIVEES ET
 DE PLANTES CULTIVEES TRANSFORMEES
 NON BIOLOGIQUEMENT
 (71, 72) **GANZELMEIER, Heinz** [DE/DE]; Teichtal
 1, D-38165 Lehre (DE). **RAUTMANN, Dirk**
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ZWINGER, Peter [DE/DE]; Volkmarweg 5,
 D-38104 Braunschweig (DE). **SCHIEMANN,
 Joachim** [DE/DE]; Wilhelm-Trautwein-Strasse
 45B, D-38820 Halberstadt (DE).
 (74) **LÄUFER, Martina** et al. / etc.;
 Theodor-Heuss-Strasse 1, D-38122 Braun-
 schweig (DE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE (Utility model / modèle d'utilité)
 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;
 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 98/16825** (13) A1
 (21) PCT/JP97/03723
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) ja (26) ja
 (31) 8/272731 (32) **15 Oct/oct 1996** (33) JP
 (15.10.1996)

- (31) 8/272732 (32) **15 Oct/oct 1996** (33) JP
 (15.10.1996)
 (31) 9/197628 (32) **23 Jul/juil 1997** (33) JP
 (23.07.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/53, C12N 15/31, 1/21, C07K 14/42
 (54) METHOD FOR ASSAYING AGALACTO-IgG
 AND ASSAY KITS, POLYPEPTIDES OF LEC-
 TINS, AND DNAs ENCODING THE SAME
 PROCEDE DE DOSAGE D'UNE AGALACTO-
 IgG ET TROUSSES DE DOSAGE, POLYPEP-
 TIDES DE LECTINES ET ADN CODANT
 CEUX-CI
 (71) **SEIKAGAKU CORPORATION** [JP/JP]; 1-5,
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 103 (JP).
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 (72, 75) **ICHO, Tateo** [JP/JP]; 2-2-8, Somechi,
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 [JP/JP]; 4-24-32, Utsukushigaoka, Aoba-ku,
 Yokohama-shi, Kanagawa 225 (JP). **ASANO,
 Yasushi** [JP/JP]; Tommy's mansion room 205,
 2-322, Zoshiki, Higashiyamato-shi, Tokyo 207
 (JP). **AKIYOSHI, Junko** [JP/JP]; Furatto Saku-
 ragaoka room 305, 4-15-1, Renko-ji, Tama-shi,
 Tokyo 206 (JP).
 (74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama
 Building, 6th floor, 4-10, Higashi Nihonbashi
 3-chome, Chuo-ku, Tokyo 103 (JP).

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

- (11) **WO 98/16826** (13) A1
 (21) PCT/US97/17860
 (22) **3 Oct/oct 1997 (03.10.1997)**
 (25) en (26) en
 (31) 08/731,721 (32) **17 Oct/oct 1996** (33) US
 (17.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/53, 33/577, C12N 5/20, C07K 16/44,
 C07C 331/28, 233/36, 255/19
 (54) IMMUNOASSAY FOR THE DETECTION
 AND MEASUREMENT OF 2,2-DIBROMO-3-
 NITRILOPROPIONAMIDE
 ANALYSE IMMUNOLOGIQUE POUR DE-
 TECTER ET DOSER LE 2,2-DIBROMO-3-
 NITRILOPROPIONAMIDE
 (71) **THE DOW CHEMICAL COMPANY** [US/US];
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- (72) **GLEASON, Shannon, L.**; 14006 Carter Lake
 Street, Jones, MI 49061 (US). **ANDERSON,
 William, Henry, Kerr**; 5112 Cortland Street,
 Midland, MI 48642 (US). **CHENG, Roberta, C.**;
 3873 Old Pine Trail, Midland, MI 48642 (US).
INBASEKARAN, Michael; 2614 Waldenwoods
 Court, Midland, MI 48640 (US).
 (74) **JONES, S., Preston**; Patent Dept., P.O. Box 1967,
 Midland, MI 48641-1967 (US).

- (81) AU CA JP MX NO; EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/16827** (13) A1
 (21) PCT/US97/17995
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 60/028,550 (32) **11 Oct/oct 1996** (33) US
 (11.10.1996)

- (31) 08/884,046 (32) **27 Jun/juin 1997** (33) US
 (27.06.1997)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/53, 33/541, 33/567, 33/574, C12P
 21/04, 21/06, 21/08, C12N 7/00
 (54) COMPOSITIONS AND METHODS FOR DETEC-
 TION OF ANTIBODY BINDING TO CELLS
 COMPOSITIONS ET METHODES POUR DE-
 TECTER LA FIXATION D'ANTICORPS SUR
 DES CELLULES
 (71) **THE TRUSTEES OF THE UNIVERSITY OF
 PENNSYLVANIA** [US/US]; Suite 300, 3700 Mar-
 ket Street, Philadelphia, PA 19104-3147 (US).
 (72) **SIEGEL, Donald, L.**; 116 Tamarack Circle,
 Hatboro, PA 19040 (US).
 (74) **LEARY, Kathryn** et al. / etc.; Panitch Schwarze
 Jacobs & Nadel, P.C., 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 HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV 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 98/16828** (13) A1

- (21) PCT/US97/18136
 (22) **6 Oct/oct 1997 (06.10.1997)**
 (25) en (26) en
 (31) 60/028,333 (32) **11 Oct/oct 1996** (33) US
 (11.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01N 33/53
 (54) POTENTIATION OF 2-(2-BENZOFURANYL)-
 2-IMIDAZOLINE BINDING SITES
 RENFORCEMENT DE SITES DE LIAISON DE
 2-(2-BENZOFURANYL)-2-IMIDAZOLINE
 (71) **ELI LILLY AND COMPANY** [US/US]; Lilly
 Corporate Center, Indianapolis, IN 46285 (US).
 (72) **STEINBERG, Mitchell, I.**; 932 Roundtable Court,
 Indianapolis, IN 46260 (US). **WIEST, Sally, A.**;
 6416 North Tuxedo Street, Indianapolis, IN 46220
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 (74) **WEBSTER, Thomas, D.** 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 HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV 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 98/16829** (13) A1

- (21) PCT/US97/18588
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 08/732,113 (32) **15 Oct/oct 1996** (33) US
 (15.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 33/53, 33/543, 33/569, 33/68

(54) ORGANISM-SPECIFIC AND ALLERGEN-SPECIFIC ANTIBODY CAPTURE ASSAY AND COMPOSITIONS FOR DETECTION OF DISEASE-CAUSING ORGANISMS AND ALLERGENS
 ESSAI DE CAPTURE D'ANTICORPS SPECIFIQUES D'ORGANISMES ET D'ALLERGENES ET COMPOSITIONS SERVANT A DETECTER DES ORGANISMES ET ALLERGENES PATHOGENES

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(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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(21) PCT/US97/19110

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(25) en (26) en

(31) 60/029,128 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 60/049,864 (32) **6 Jun/juin 1997 (06.06.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 33/53

(54) DROPLET ASSAY SYSTEM
 SYSTEME DE CRIBLAGE PAR GOUTTE-LETTES

(71) **THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).

(72) **SCHREIBER, Stuart, L.**; 434 Marlborough Street, Boston, MA 02116 (US). **SHAIR, Matthew, D.**; Apartment 2, 16 Foskett Street, Somerville, MA 02144 (US). **BORCHARDT, Allen, J.**; Apartment 14, 2 Arlington Street, Cambridge, MA 02138 (US). **YOU, Angie, J.**; 498 Adams House, Cambridge, MA 02138 (US). **HUANG, Jing**; Apartment 2, 66 Z Prentiss Street, Cambridge, MA 02140 (US). **FOLEY, Mike**; 107 Conwell Avenue, Somerville, MA 02144 (US). **TAN, Derek**; 23 Berkeley Street, Cambridge, MA 02138 (US). **WHITESIDES, George**; 124 Grasmere Street, Newton, MA 02158 (US). **JACKMAN, Rebecca, J.**; Apartment 2, 38 Groves Street, Boston, MA 02114 (US).

(74) **JARRELL, Brenda, Herschbach**; Choate, Hall & Stewart, Exchange Place, 53 State 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 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; 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 98/16831** (13) A1

(21) PCT/US97/17084

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 08/728,751 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 33/538, 33/546, 33/547, 33/548, 33/558, 33/566

(54) METHOD AND APPARATUS USEFUL FOR DETECTING BLOODGROUP ANTIGENS AND ANTIBODIES
 PROCEDE ET DISPOSITIF UTILES POUR DETECTER DES ANTIGENES ET ANTICORPS DE GROUPE SANGUINS

(71) **GAMMA BIOLOGICALS, INC.** [US/US]; 3700 Mangum Road, Houston, TX 77092-5497 (US).

(72) **FRAME, Thomas, H.**; 8915 Herts Road, Spring, TX 77379 (US). **HATCHER, David, E.**; 3700 Mangum Road, Houston, TX 77092 (US). **MOULDS, John, J.**; 10235 Oak Point Drive, Houston, TX 77043 (US).

(74) **EDWARDS, Stephen, E.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 98/16832** (13) A1

(21) PCT/US97/17285

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 08/728,751 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 33/538, 33/546, 33/547, 33/548, 33/558, 33/566

(54) METHOD AND APPARATUS USEFUL FOR DETECTING BLOODGROUP ANTIGENS AND ANTIBODIES
 PROCEDE ET DISPOSITIF UTILES POUR DETECTER DES ANTIGENES ET ANTICORPS DE GROUPE SANGUINS

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(74) **EDWARDS, Stephen, E.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

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(51)⁶ G01N 33/543, 33/566, 33/568

(54) DOUBLE LABEL IMMUNOASSAY
 DOSAGE IMMUNOLOGIQUE AVEC DOUBLE MARQUAGE

(71) **XENOVA LIMITED** [GB/GB]; 240 Bath Road, Slough, Berkshire SL1 4EF (GB).
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(74) **KEEN, Celia, Mary** et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

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(22) **15 Oct/oct 1997 (15.10.1997)**

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(31) 9621469.7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(31) 9621885.4 (32) **21 Oct/oct 1996 (21.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G01N 33/68, 33/569, C12Q 1/68, A61K 31/70

(54) DIAGNOSIS OF SPONGIFORM ENCEPHALOPATHY
 DIAGNOSTIC DE L'ENCEPHALOPATHIE SPONGIFORME

(71) **IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE** [GB/GB]; Sherfield Building, Imperial College, Exhibition Road, London SW7 2AZ (GB).
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(74) **CORNISH, Kristina, Victoria, Joy** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

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(31) 08/731,613 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01N 33/68, C12Q 1/68, C12N 15/00
(54) SYSTEM TO DETECT SMALL MOLECULE/PEPTIDE INTERACTION
SYSTEME POUR DETECTER L'INTERACTION PETITES MOLECULES/PEPTIDES
- (71) **TERRAPIN TECHNOLOGIES, INC.** [US/US]; 750-H Gateway Boulevard, South San Francisco, CA 94080 (US).
- (72) **KAUVAR, Lawrence, M.**; 1205 Cole Street, San Francisco, CA 94080 (US). **NAPOLITANO, Eugene, W.**; 3575 Fillmore Street #303, San Francisco, CA 94123 (US).
- (74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (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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(22) **16 Oct/oct 1997 (16.10.1997)**
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01P 3/80
(54) APPARATUS FOR DETECTION AND MEASUREMENT OF SPEED OF MOVING ITEMS
APPAREIL DE DETECTION ET DE MESURE DE LA VITESSE D'ELEMENTS EN MOUVEMENT
- (71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).
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- (72, 75) **MAO, Zhi-Qiang, Frank** [GB/GB]; 24 Connaught Avenue, Enfield, Middlesex EN1 3BE (GB).
- (74) **WALKER, Neville, Daniel, Alan**; QED Patents Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).
- (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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(22) **14 Oct/oct 1997 (14.10.1997)**
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01P 5/165, 5/14
(54) HEATED AIR DATA PROBE
SONDE DE DONNEES AERODYNAMIQUES CHAUFFEE
- (71) **ROSEMOUNT AEROSPACE INC.** [US/US]; 14300 Judicial Road, Burnsville, MN 55306-4898 (US).
- (72) **MUEHLHAUSER, Brett, A.**; 15784 Fremont Avenue N.W., Prior Lake, MN 55372 (US). **RANUM, Brian**; 917 Osborne Road N.E., Spring Lake Park, MN 55432 (US).
- (74) **WESTMAN, Nickolas, E.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).
- (81) CN JP RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/16838** (13) A1
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01P 15/16
(54) METHOD FOR REGISTERING A VEHICLE DECELERATION OR ACCELERATION
METHODE DE DETERMINATION D'UNE DECELERATION OU D'UNE ACCELERATION DE VEHICULE
- (71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
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- (74) **BLUM, K.-D.**; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01R 15/14
(54) METHOD AND DEVICE FOR MEASURING CURRENT
PROCEDE ET DISPOSITIF DE MESURE DE COURANT
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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- (72, 75) **ERMISCH, Jochen** [DE/DE]; Jägerhofstrasse 96, D-01445 Radebeul (DE). **STEPHAN, Uwe** [DE/DE]; Hohe Lehne 15, D-01705 Freital (DE). **THIEME, Frank** [DE/DE]; Böhmische Strasse 31, D-01099 Dresden (DE). **BAUERSCHMIDT, Peter** [DE/DE]; Wunneleite 22, D-91126 Schwabach (DE).
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(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01R 31/04
(54) A TEST PROBE
SONDE DE VERIFICATION
- (71) **JACKMARK ENGINEERING LIMITED** [GB/GB]; Scott Lidgett Road, Longport, Stoke-on-Trent, Staffs ST6 4NQ (GB).
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- (72, 75) **SUTTON, David, Graham** [GB/GB]; 24 Yew Tree Court, Alsager, Cheshire ST7 2YQ (GB).
- (74) **DOWNEY, William, Gerrard** et al. / etc.; Wilson Gunn McCaw., 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (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).
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(31) 9603798-1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G01R 31/12, H02H 7/04
(54) A DEVICE FOR MONITORING PARTIAL DISCHARGES IN AN ELECTRIC HIGH-VOLTAGE APPARATUS OR HIGH-VOLTAGE EQUIPMENT
DISPOSITIF POUR SURVEILLER LES DECHARGES PARTIELLES DANS UN APPAREIL ELECTRIQUE A HAUTE TENSION OU DU MATERIEL A HAUTE TENSION
- (71) **ABB RESEARCH LTD.** [CH/CH]; c/o Asea Brown Boveri AB, Patent, S-721 78 Västerås (SE).
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- (72, 75) **JOHANSSON, Kenneth** [SE/SE]; Bangatan 23 B, S-722 28 Västerås (SE). **KOLS, Håkan** [SE/SE]; Kloockartorpsgatan 31 E, S-723 44 Västerås (SE).
- (74) **LUNDBLAD VANNESJÖ, Katarina**; Asea Brown Boveri AB, Patent, S-721 78 Västerås (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 SL 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).
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01R 33/12, G01N 27/72
 (54) COILED TUBING INSPECTION SYSTEM
 DISPOSITIF D'EXAMEN DE MATERIEL TUBULAIRE ENROULE
 (71, 72) **WEINBAUM, Hillel** [US/US]; 7722 Moon-dance, Houston, TX 77071 (US).
 (74) **HELMREICH, Loren, G.**; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).
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 (31) 96/12427 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01S 7/02
 (54) ELECTROMAGNETIC IN PARTICULAR RADAR EMISSION SENSORS, WITH REDUCED DOWNSTREAM FLOW RATE
 DETECTEURS D'EMISSIONS ELECTROMAGNETIQUES NOTAMMENT DE RADARS, A DEBIT AMONT REDUIT
 (71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
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 (72, 75) **CELTON, René** [FR/FR]; (FR). **FLORIN, Franck** [FR/FR]; (FR). **KUBIAK, Jean-Luc** [FR/FR]; (FR). **LANCON, Fabienne** [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).
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 (22) **13 Oct/oct 1997 (13.10.1997)**
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 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01S 7/481, 17/58
 (54) LASER VELOCIMETER AND RANGE FINDER USING COHERENT DETECTION
 VELOCIMETRE ET TELEMETRE LASER UTILISANT UNE DETECTION COHERENTE

- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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 (72, 75) **NERIN, Philippe** [FR/FR]; 162, avenue Victor Hugo, F-38170 Seyssinet-Pariset (FR). **BESESTY, Pascal** [FR/FR]; 154, chemin des Bargeonniers, F-38410 Vaulnaveys-le-Haut (FR). **MOLVA, Engin** [FR/FR]; 8, place Jean Moulin, F-38000 Grenoble (FR). **CHARTIER, Germain** [FR/FR]; 8, boulevard Agutte Sombat, F-38000 Grenoble (FR).
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 (31) 96120661 (32) **15 Oct/oct 1996 (15.10.1996)** (33) RU
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 (51)⁶ G01S 13/02
 (54) PULSE RADIO-LOCALISATION SYSTEM
 SYSTEME DE RADIOLOCALISATION A IMPULSIONS
 (71, 72) **ZYBIN, Mikhail Nikolaevich** [RU/RU]; ul. Pokrovka, 33/22-7, Moscow, 103062 (RU).
 (74) **SOKOLOV, Andrei Borisovich**; a/ya 16, Moscow, 123364 (RU).
 (81) AU BR CA CN CZ JP PL 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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 (22) **16 Oct/oct 1997 (16.10.1997)**
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 (31) 9603810-4 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
 (31) 9604774-1 (32) **20 Dec/déc 1996 (20.12.1996)** (33) SE
 (31) 9604775-8 (32) **20 Dec/déc 1996 (20.12.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01S 13/34
 (54) PROCEDURE FOR THE ELIMINATION OF INTERFERENCE IN A RADAR UNIT OF THE FMCW TYPE
 PROCEDURE D'ELIMINATION DES INTERFERENCES DANS UN RADAR A ONDES ENTRE-TENUES A MODULATION DE FREQUENCE
 (71) **CELSIUSTECH ELECTRONICS AB** [SE/SE]; S-175 88 Järfälla (SE).
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 (72, 75) **TULLSSON, Bert-Eric** [SE/SE]; Killinggränd 9, S-175 45 Järfälla (SE).
 (74) **FORSBERG, Carl-Göran**; Bofors AB, S-691 80 Karlskoga (SE).

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 (22) **16 Oct/oct 1997 (16.10.1997)**
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 (31) 9603810-4 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
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 (51)⁶ G01S 13/34
 (54) PROCEDURE FOR THE ELIMINATION OF INTERFERENCE IN A RADAR UNIT OF THE FMCW TYPE
 PROCEDURE D'ELIMINATION DES INTERFERENCES DANS UN RADAR A ONDES ENTRE-TENUES A MODULATION DE FREQUENCE
 (71) **CELSIUSTECH ELECTRONICS AB** [SE/SE]; S-175 88 Järfälla (SE).
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 (74) **FORSBERG, Carl-Göran**; Bofors AB, S-691 80 Karlskoga (SE).

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 (31) 9604774-1 (32) **20 Dec/déc 1996 (20.12.1996)** (33) SE
 (31) 9604775-8 (32) **20 Dec/déc 1996 (20.12.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01S 13/34
 (54) PROCEDURE FOR THE ELIMINATION OF INTERFERENCE IN A RADAR UNIT OF THE FMCW TYPE
 PROCEDURE D'ELIMINATION DES INTERFERENCES DANS UN RADAR A ONDES ENTRE-TENUES A MODULATION DE FREQUENCE
 (71) **CELSIUSTECH ELECTRONICS AB** [SE/SE]; S-175 88 Järfälla (SE).
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 (72, 75) **TULLSSON, Bert-Eric** [SE/SE]; Killinggränd 9, S-175 45 Järfälla (SE).
 (74) **FORSBERG, Carl-Göran**; Bofors AB, Patents and Trademarks, S-691 80 Karlskoga (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 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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 (31) 9604775-8 (32) **20 Dec/déc 1996 (20.12.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G01S 13/34
 (54) PROCEDURE FOR THE ELIMINATION OF INTERFERENCE IN A RADAR UNIT OF THE FMCW TYPE
 METHODE PERMETTANT D'ELIMINER DES INTERFERENCES DANS UN RADAR DU TYPE A ONDES ENTRE-TENUES A MODULATION DE FREQUENCE (FMCW)

- (71) **CELSIUSTECH ELECTRONICS AB** [SE/SE]; S-175 88 Järfälla (SE).
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- (72, 75) **TULLSSON, Bert-Eric** [SE/SE]; Killinggränd 9, S-175 45 Järfälla (SE).
- (74) **FORSBERG, Carl-Göran**; Bofors AB, Patents and Trademarks, S-691 80 Karlskoga (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 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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- (31) 60/028,658 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (31) 60/044,245 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US
- (31) 60/044,321 (32) **24 Apr/avr 1997 (24.04.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01S 13/87, 13/84
- (54) ARTICLE TRACKING SYSTEM
SYSTEME DE POURSUITE D'ARTICLES
- (71) **PINPOINT CORPORATION** [US/US]; 113 Terrace Hall Avenue, Burlington, MA 01803 (US).
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- (72, 75) **LANZL, Colin** [US/US]; 83 Nottingham Drive, Nashua, NH 03062 (US). **MCKINNEY, Kenelm** [US/US]; 585 Main Street, Melrose, MA 02176 (US). **WERB, Jay** [US/US]; 44 Lombard Street, Newton, MA 02158 (US).
- (74) **WALPERT, Gary, A.**; Fish & Richardson PC, 225 Franklin Street, 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 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).

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- (11) **WO 98/16850** (13) A1
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- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) fr (26) fr
- (31) 96/12496 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01T 1/164, H04N 5/217
- (54) DIGITAL INTEGRATION CHAIN WITH CORRECTION OF BASE POTENTIAL
CHAINE D'INTEGRATION NUMERIQUE DE SIGNAL A CORRECTION DE POTENTIEL DE BASE

- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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- (72, 75) **CHAPUIS, Alain** [FR/FR]; 220, rue de la Balme, F-38950 Saint-Martin-le-Vinoux (FR). **JANIN, Claude** [FR/FR]; 34, avenue Maréchal Randon, F-38000 Grenoble (FR). **MESTAIS, Corinne** [FR/FR]; 140, route de Montabon, F-38660 La Terrasse (FR).
- (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
- (81) CA IL 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 98/16851** (13) A1
- (21) PCT/FR97/01810
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) fr (26) fr
- (31) 96/12495 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01T 1/164, H04N 5/30
- (54) DEVICE AND METHOD FOR COLLECTING AND ENCODING SIGNALS COMING FROM PHOTODETECTORS
DISPOSITIF ET PROCEDURE DE COLLECTION ET DE CODAGE DE SIGNAUX ISSUS DE PHOTODETECTEURS
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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- (72, 75) **TOURNIER, Edmond** [FR/FR]; 2, square Léon Martin, F-38000 Grenoble (FR). **JANIN, Claude** [FR/FR]; 34, avenue Maréchal Randon, F-38000 Grenoble (FR). **MESTAIS, Corinne** [FR/FR]; 140, route de Montabon, F-38660 La Terrasse (FR).
- (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
- (81) IL JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16852** (13) A1

- (21) PCT/US97/17224
- (22) **25 Sep/sep 1997 (25.09.1997)**
- (25) en (26) en
- (31) 08/732,959 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01T 1/164
- (54) ROTATING SMALL CAMERA FOR TOMOGRAPHY
PETITE CAMERA PIVOTANTE DE TOMOGRAPHIE
- (71) **SIEMENS MEDICAL SYSTEMS, INC.** [US/US]; 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (72) **DeVITO, Raymond, P.**; 255 W. Hellen Road, Palantine, IL 60067 (US). **SCHWIERZ, Guenter**; Roedlasser Strasse 9, D-91077 Neunkirchen (DE). **HAWMAN, Peggy, C.**; 138 S. Walnut Lane, Schaumburg, IL 60193 (US).

- (74) **JAY, Mark, H.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16853** (13) A1

- (21) PCT/EP97/05436
- (22) **29 Sep/sep 1997 (29.09.1997)**
- (25) en (26) en
- (31) 9621470.5 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01T 1/24, 1/29
- (54) IMAGING DEVICE FOR IMAGING RADIATION
DISPOSITIF DE FORMATION D'IMAGES DESTINE A UN RAYONNEMENT D'IMAGERIE
- (71) **SIMAGE OY** [FI/FI]; Tekniikkantie 12, FIN-02150 Espoo (FI).

- (72) **PYYHTIÄ, Jouni, Ilari**; Rasinkatu 20 A 84, FIN-01360 Vantaa (FI). **SPARTIOTIS, Konstantinos, Evangelos**; Ventouri 46, Holargos, GR-155 61 Athens (GR).

- (74) **HARRIS, Ian, Richard**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (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 98/16854** (13) A1

- (21) PCT/US97/18408
- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) en (26) en
- (31) 08/733,367 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ G01V 1/40
- (54) CANCELLATION OF TOOL MODE SIGNAL FROM COMBINED SIGNAL
SUPPRESSION D'UN SIGNAL MODE OUTIL DANS UN SIGNAL COMBINE
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; Building 01, 6th floor, 4100 Clinton Drive, Houston, TX 77020 (US).

- (72) **ROBBINS, Carl, A.**; 22610 Rosewood Trail, Tomball, TX 77375 (US).

- (74) **WATKINS, Marcella, D.** et al. / etc.; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

- (81) AU BR ID NO SG.

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- (21) PCT/US97/06702
- (22) **24 Apr/avr 1997 (24.04.1997)**
- (25) en (26) en

(31) 08/729,425 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 6/02

(54) FIBER OPTIC DELIVERY SYSTEM FOR INFRARED LASERS
SYSTEME DE REPARTITION DE FIBRES OPTIQUES POUR LASERS INFRAROUGES

(71) PHAROS OPTICS, INC. [US/US]; Suite 102, 3002 Dow Avenue, Tustin, CA 92680 (US).

(72) GOLLIHAR, William, A.; 740 Hacienda Avenue, Perris, CA 92571 (US). DESHAZER, Larry, G.; 315 Vista Suerte, Newport Beach, CA 92660 (US). BRADLEY, Scott, C.; 28401 Rancho Grande, Laguna Niguel, CA 92677 (US).

(74) KOPPEL, Richard, S. et al. / etc.; Koppel & Jacobs, Suite 302, 31255 Cedar Valley Drive, Westlake Village, CA 91362-4031 (US).

(81) CN JP.

(11) **WO 98/16856** (13) A1

(21) PCT/JP97/03688

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/294599 (32) **16 Oct/oct 1996** (33) JP
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 6/36, 6/40

(54) METHOD OF PRODUCTION OF OPTICAL CONNECTOR
PROCEDE DE FABRICATION D'UN CONNECTEUR OPTIQUE

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 19-2, Nishi Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAI, Ken [JP/JP]; Dainiryō, 3-2, Tatsumidai Higashi, Ichihara-shi, Chiba 290 (JP). YAMAKAWA, Jun [JP/JP]; 1-5-26, Konakadai, Inage-ku, Chiba-shi, Chiba 263 (JP). SHIMOJI, Naoko [JP/JP]; Green Ferrows, 3-4, Tatsumidai Higashi, Ichihara-shi, Chiba 290 (JP). NAGASAWA, Shinji [JP/JP]; 2-6-2-103, Higashihara, Mito-shi, Ibaraki 310 (JP).

(74) IGARASHI, Kiyoshi; Room 908, Yokohamahigashiguchi Building, 10-13, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220 (JP).

(81) DE GB US.

(11) **WO 98/16857** (13) A1

(21) PCT/JP97/03689

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/294594 (32) **16 Oct/oct 1996** (33) JP
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 6/36, 6/40

(54) OPTICAL CONNECTOR, METHOD OF SETTING PROTRUDING LENGTH OF OPTICAL FIBER OF THE OPTICAL CONNECTOR, AND JIG THEREFOR

CONNECTEUR OPTIQUE, PROCEDE DE MISE EN PLACE DE LA LONGUEUR SORTIE DE LA FIBRE OPTIQUE DU CONNECTEUR OPTIQUE ET SUPPORT POUR LEDIT CONNECTEUR OPTIQUE

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 19-2, Nishi Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAMURA, Yasumoto [JP/JP]; 2-53-2, Denenchofu, Ota-ku, Tokyo 145 (JP). HAYASHI, Takehiro [JP/JP]; 402, Kosumo Mukogaokayuen, 2-48-2, Shukugawara, Tama-ku, Kawasaki-shi, Kanagawa 214 (JP). KANAI, Ken [JP/JP]; Furukawa 2 Ryo, 3-2, Tatsumidai Higashi, Ichihara-shi, Chiba 290 (JP). HOGARI, Kazuo [JP/JP]; 2-34-10, Komazawa, Setagaya-ku, Tokyo 154 (JP). FIRUKAWA, Shinichi [JP/JP]; 1-470-40, Miwa, Mito-shi, Ibaraki 310 (JP). NAGASAWA, Shinji [JP/JP]; 2-6-2-103, Higashihara, Mito-shi, Ibaraki 310 (JP).

(74) IGARASHI, Kiyoshi; Yokohamahigashiguchi Building, Room 908, 10-13, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220 (JP).

(81) DE GB US.

(11) **WO 98/16858** (13) A1

(21) PCT/JP97/03690

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/294595 (32) **16 Oct/oct 1996** (33) JP
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 6/36, 6/40

(54) FERRULE COMPONENT OF OPTICAL CONNECTOR AND METHOD OF MANUFACTURING OPTICAL CONNECTOR USING THE COMPONENT
COMPOSANT A FERRULE D'UN CONNECTEUR OPTIQUE ET PROCEDE DE FABRICATION D'UN CONNECTEUR OPTIQUE AU MOYEN DUDIT COMPOSANT

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 19-2, Nishi Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMOJI, Naoko [JP/JP]; 3-4, Tatsumidai Higashi, Ichihara-shi, Chiba 290 (JP). YAMAKAWA, Jun [JP/JP]; 1-5-26-515, Konakadai, Inage-ku, Chiba-shi, Chiba 263 (JP). KANAI, Ken [JP/JP]; 3-2, Tatsumidai Higashi, Ichihara-shi, Chiba 290 (JP). NAGASAWA, Shinji [JP/JP]; 2-6-2-103, Higashihara, Mito-shi, Ibaraki 310 (JP).

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(81) GB US.

(11) **WO 98/16859** (13) A1

(21) PCT/SE96/01322

(22) **17 Oct/oct 1996 (17.10.1996)**

(25) sv (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 23/12, 23/16

(54) NIGHT VISION GOGGLES, WHERE FOCUSING AND POWER SUPPLY ARE HANDLED WITH JOINT HANDLE
LUNETTES DE VISION NOCTURNE DANS LESQUELLES LA MISE AU POINT ET L'ALIMENTATION ELECTRIQUE SONT COMMANDEES A L'AIDE D'UNE MANETTE COMMUNE

(71) SIMRAD OPTRONICS A/S [NO/NO]; Postboks 6114 Etterstad, N-0602 Oslo 6 (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AFSENIUS, Sven-Åke [SE/SE]; Ugglevägen 12, S-181 40 Lidingö (SE).

(74) GRENNBERG, Bertil et al. / etc.; H. Albihs Patentbyrå AB, P.O. Box 3137, S-103 62 Stockholm (SE).

(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 US UZ VN; AP (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 98/16860** (13) A1

(21) PCT/JP97/03691

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/294592 (32) **16 Oct/oct 1996** (33) JP
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02B 26/08

(54) OPTICAL SWITCH
COMMUTATEUR OPTIQUE

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 19-2, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo 163-19 (JP).
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(72, 75) NARAOKA, Seiichi [JP/JP]; Furukawa Daiichi Ryo, 2-19, Tatsumidai Nishi, Ichihara-shi, Chiba 290 (JP). OKUDA, Makoto [JP/JP]; 3-605, Oyumino Park House, 8-25-2, Oyumino, Midori-ku, Chiba-shi, Chiba 267 (JP). ENOMOTO, Yoshitaka [JP/JP]; 2090, Higashi Akatsuka, Mito-shi, Ibaraki 311-41 (JP).

(74) IGARASHI, Kiyoshi; Yokohamahigashiguchi Building, Room 908, 10-13, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220 (JP).

(81) GB US.

(11) **WO 98/16861** (13) A1

(21) PCT/CA97/00181

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

(25) en (26) en

(31) 08/730,784 (32) **16 Oct/oct 1996** (33) US
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02C 5/12

(54) EYEWEAR AND NOSEPAD FOR USE WITH EYEWEAR
LUNETTES ET PLAQUETTE NASALE A UTILISER AVEC CES LUNETTES

(71) **SENTINEL IMPORTING CORPORATION** [CA/CA]; 125 Charles Street, North Vancouver, British Columbia V7H 1S1 (CA).
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(72, 75) **MARTIN, Brent, R.** [CA/CA]; 435 West 27th Street, North Vancouver, British Columbia V7N 2H7 (CA). **SULLIVAN, Sean, G.** [CA/CA]; 4541 - 219th Street, Langley, British Columbia V3A 8E3 (CA).

(74) **REYNEKE, Russell;** Suite 700, Two Bentall Centre, 555 Burrard Street, Vancouver, British Columbia V7X 1M8 (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 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 98/16862** (13) A1

(21) PCT/JP97/03705

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/291048 (32) **14 Oct/oct 1996 (14.10.1996)** (33) JP

(31) 9/70243 (32) **24 Mar/mar 1997 (24.03.1997)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02C 7/06

(54) METHOD OF MANUFACTURING PROGRESSIVE MULTIFOCAL LENS
PROCEDE POUR LA PRODUCTION DE
VERRES A FOYER PROGRESSIF

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Kazutoshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **KOMATSU, Akira** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **MUKAIYAMA, Hiroyuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **KAGA, Tadashi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).

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

(11) **WO 98/16863** (13) A1

(21) PCT/US97/17496

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 96/12430 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR

(31) 60/030,686 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02C 7/10, C08F 4/04, 220/20

(54) PHOTOCROMIC ORGANIC MATERIAL, ITS MANUFACTURE AND THE PHOTOCROMIC ARTICLES CONTAINING IT
MATERIAU ORGANIQUE PHOTOCROMIQUE, PRODUCTION DE CE MATERIAU ET ARTICLES PHOTOCROMIQUES CONTENANT CE MATERIAU

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANEY, Bruno** [FR/FR]; 8, boulevard General Leclerc, F-77300 Fontainebleau (FR). **HENRY, David** [FR/FR]; 2, rue de la Grange des Noyers, F-91150 Morigny-Champigny (FR).

(74) **HERZFELD, Alexander, R.;** Patent Dept., SP FR 02-12, Corning Incorporated, Corning, NY 14831 (US).

(81) AU BR 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).

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(31) PI96U000028 (32) **16 Oct/oct 1996 (16.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02C 11/00, 5/00

(54) FRAME FOR GLASSES, COMPRISING ONE ROD WITH A COMPARTMENT AND THE FRONT PORTION HOLDING THE LENSES WHICH IS DETACHABLE FROM THE RODS
MONTURE POUR LUNETTES COMPRENANT UNE BRANCHE A COMPARTIMENT ET UNE PARTIE AVANT MAINTENANT LES VERRES ET DETACHABLE DES BRANCHES

(71, 72) **MAZZA, Pietro** [IT/IT]; Via Bonaccini, 193, I-41100 Modena (IT).

(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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(31) PD96A000249 (32) **14 Oct/oct 1996 (14.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/1333

(54) "REVERSE-MODE" ELECTRO-OPTICAL CELL MADE OF LIQUID CRYSTALS ENCAPSULATED IN A POLYMERIC LAYER AND METHOD FOR MANUFACTURING IT
CELLULE ELECTRO-OPTIQUE A "MODE INVERSE" CONSTITUEE DE CRISTAUX LIQUIDES ENCAPSULES DANS UNE COUCHE POLYMERE ET PROCEDE DE FABRICATION DE CELLE-CI

(71) **S.P.S. S.P.A.** [IT/IT]; Via Enrico Mattei, 1, I-35046 Saletto (IT).
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(72, 75) **CHIDICHIMO, Giuseppe** [IT/IT]; Contrada Bagno, I-87036 Rende (IT). **DE FILPO, Giovanni** [IT/IT]; Contrada Baldanza, 5, I-87010 Dorcia-Cassano Ionio (IT).

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

(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 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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(31) 96/12559 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/1335, G02B 5/30, 5/32

(54) DISPLAY PANEL WITH COMPENSATION BY HOLOGRAPHIC BIREFRINGENT FILMS
PANNEAU DE VISUALISATION AVEC COMPENSATION PAR FILMS BIREFRINGENTS HOLOGRAPHIQUES

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR). **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78240 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIGNOLLES, Laurent** [FR/FR]; (FR). **DE LAUZUN, Frédéric** [FR/FR]; (FR). **MORBIEU, Bertrand** [FR/FR]; (FR). **GEORGES, Laurent** [FR/FR]; (FR). **LEHUREAU, Jean-Claude** [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **THOMSON-CSF S.C.P.I.;** 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (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 98/16867** (13) A1

(21) PCT/JP97/03251

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) ja (26) ja

(31) 8/273809 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/1341

(54) LIQUID CRYSTAL APPARATUS, ITS MANUFACTURE AND PROJECTION DISPLAY
APPAREIL A CRISTAUX LIQUIDES, SA FABRICATION ET DISPOSITIF D'AFFICHAGE ASSOCIE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIMURA, Eiji** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **KARASAWA, Kazuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).

(81) JP US.

(11) **WO 98/16868** (13) A1

(21) PCT/JP97/03752

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) ja (26) ja

(31) 8/273810 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/136

(54) LIQUID CRYSTAL DEVICE SUBSTRATE, LIQUID CRYSTAL DEVICE, AND PROJECTION DISPLAY
SUBSTRAT POUR DISPOSITIF A CRISTAUX LIQUIDES, DISPOSITIF A CRISTAUX LIQUIDES ET DISPOSITIF DE PROJECTION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURADE, Masao** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).

(81) CN JP KR US.

(11) **WO 98/16869** (13) A1

(21) PCT/EP97/05598

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) PD96A000248 (32) **14 Oct/oct 1996 (14.10.1996)** (33) IT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/137, 1/1377

(54) LIQUID CRYSTAL DISPLAY DEVICE
DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES

(71) **S.P.S. S.P.A.** [IT/IT]; Via Enrico Mattei, 1, I-35046 Saletto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHIDICHIMO, Giuseppe** [IT/IT]; Contrada Bagno, I-87036 Rende (IT). **DE FILPO, Giovanni** [IT/IT]; Contrada Baldanza, 5, I-87010 Doria-Cassano Ionio (IT).

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

(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 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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(21) PCT/AU97/00697

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) PO 3030 (32) **16 Oct/oct 1996 (16.10.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G02F 1/163

(54) CONTROL OF ELECTROCHROMIC DEVICES
COMMANDE DE DISPOSITIFS ELECTROCHROMIQUES

(71) **SUSTAINABLE TECHNOLOGIES AUSTRALIA LIMITED** [AU/AU]; 11 Aurora Avenue, Queanbeyan, NSW 2629 (AU).

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(72, 75) **SKRYABIN, Igor, Lvovich** [AU/AU]; 70 Schlich Street, Yarralumla, ACT 2600 (AU). **BELL, Marcus, John** [AU/AU]; 8 Norm Street, Kenmore, QLD 4069 (AU).

(74) **GRANT, Paul, A.**; Paul A Grant and Associates, P.O. Box 60, Fisher, ACT 2611 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16871** (13) A1

(21) PCT/SE97/01650

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) sv (26) en

(31) 9603716-3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03B 17/56, G02B 27/04

(54) A DEVICE FOR STABILIZING OF A REMOTELY CONTROLLED SENSOR, LIKE A CAMERA
DISPOSITIF DE STABILISATION D'UN CAPTEUR COMMANDE A DISTANCE COMME UNE CAMERA

(71) **POLYTECH AB** [SE/SE]; P.O. Box 20, S-640 32 Malmköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEGERSTRÖM, Torbjörn** [SE/SE]; Österäng, S-640 32 Malmköping (SE). **NORÉN, Kjell** [SE/SE]; Lilla Kova, S-640 32 Malmköping (SE).

(74) **LUNDQUIST, Arne**; Oxön 1:9, S-139 50 Värmdö (SE).

(81) AU 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 98/16872** (13) A1

(21) PCT/DE97/02322

(22) **9 Oct/oct 1997 (09.10.1997)**

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(31) 196 42 001.6 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03C 7/12, G09F 19/18, G03F 1/10

(54) PROJECTION MASK
MASQUE DE PROJECTION

(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) **JÄGER, Steffen** [DE/DE]; Fasanenstrasse 29, D-38102 Braunschweig (DE). **NEUMANN, Frank** [DE/DE]; Höhe 28, D-38100 Braunschweig (DE).

(74) **PFENNING, MEINIG & PARTNER**; 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).

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(11) **WO 98/16873** (13) A1

(21) PCT/RU96/00298

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(25) ru (26) ru

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03C 7/388, B01F 7/00, 11/02

(54) METHOD FOR PREPARING DISPERSIONS OF CHROMOGENIC COMPONENTS
PROCEDE DE PREPARATION DE DISPERSIONS A BASE DE COMPOSANTS CHROMOGENES

(71) **FIRM FORSAT LTD.** [RU/RU]; ul. Chuikova, 2, Kazan, 420044 (RU). **COMPANY I.F.F. INVESTMENTS LTD.** [CY/CY]; Office 1, P.O. Box 602, Scala Court, 69, Makariou Avenue, Larnaca (CY).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FEDOROV, Alexander Dmitrievich** [RU/RU]; ul. Kosmonavtov, 7-41, Kazan, 420061 (RU).

(72, 75) **KUMARIN, Evgeny Konstantinovich** [RU/RU]; ul. Kooperativnaya, 54-55, Pereslavl-Zalessky, 152140 (RU).

(74) **KRUGLOV, Alexander Borisovich**; Reznik, Gagarin & Partners, Shmitovski proezd, 3, Moscow, 123100 (RU).

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

(11) **WO 98/16874** (13) A1

(21) PCT/IL97/00330

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/733,103 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03F 1/00

(54) PROCESS FOR IMAGING A FLEXOGRAPHIC PRINTING PLATE FROM LIQUID PHOTOPOLYMERS AND WITHOUT USING PHOTOTOOLS
PROCEDE D'IMAGERIE D'UNE PLAQUE D'IMPRESSION FLEXOGRAPHIQUE EN PHOTOPOLYMERES LIQUIDES SANS RECOURIR A DES CREATIONS PHOTOGRAPHIQUES

(71) **J.G. SYSTEMS INC.** [IL/IL]; P.O. Box 58155, 61581 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GRUNWALD, John, J.** [IL/IL]; Hameshorer Street 4, 52650 Ramat Aviv (IL).

(74) **COHEN, A., David**; P.O. Box 60, 84100 Beer Sheva (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(31) 08/729,972 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03G 15/20

(54) COATED FUSER MEMBERS AND METHODS OF MAKING COATED FUSER MEMBERS
ELEMENTS FIXEURS ENROBES, ET PROCEDES DE FABRICATION D'ELEMENTS FIXEURS ENROBES

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650 (US).

(72) **CHEN, Jiann, Hsing**; 11 Cambay Drive, Fairport, NY 14450 (US). **KOSAKOWSKI, Richard, John**; 61 Maple Valley Crescent, Rochester, NY 14623 (US). **ROBERTS, Gary, Frederick**; 4788 County Line Road, Macedon, NY 14502 (US). **CALENDINE, Roger, H.**; 33 Rosewood Drive, Pittsford, NY 14534 (US).

(74) **WELLS, Doreen, M.**; 343 State Street, Rochester, NY 14650-2201 (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 98/16876** (13) A1
(21) PCT/DE97/02385
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(31) 196 42 570.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03G 21/10

(54) ELECTROPHOTOGRAPHIC MACHINE WITH A DEVICE TO REMOVE OLD TONER
APPAREIL ELECTROPHOTOGRAPHIQUE AVEC DISPOSITIF D'EVACUATION DE L'ANCIEN TONER

(71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D-85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILHELM, Blasius** [DE/DE]; Hauptstrasse 33, D-86356 Neusäß (DE). **BÖHMER, Georg** [DE/DE]; Lustheimstrasse 8, D-81247 München (DE). **JENAK, Karl-Heinz** [DE/DE]; Gottfried-Böhm-Ring 31, D-81369 München (DE). **KNOTT, Joseph** [DE/DE]; Gröschlstrasse 18, D-82327 Tutzing (DE). **BREMMER, Peter** [DE/DE]; Lagerhausstrasse 2 a, D-85244 Röhmoos (DE).

(74) **SCHAUMBURG, Karl-Heinz** et al. / etc.; Postfach 86 07 48, D-81634 München (DE).

(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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(21) PCT/DE97/02386
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(31) 196 42 570.0 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G03G 21/10 // 15/08

(54) ELECTROPHOTOGRAPHIC MACHINE WITH A TONER FEEDING DEVICE
APPAREIL ELECTROPHOTOGRAPHIQUE AVEC DISPOSITIF D'ALIMENTATION EN TONER

(71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D-85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILHELM, Blasius** [DE/DE]; Hauptstrasse 33, D-86356 Neusäß (DE). **BÖHMER, Georg** [DE/DE]; Lustheimstrasse 8, D-81247 München (DE). **JENAK, Karl-Heinz** [DE/DE]; Gottfried-Böhm-Ring 31, D-81369 München (DE). **KNOTT, Joseph** [DE/DE]; Gröschlstrasse 18, D-82327 Tutzing (DE). **BREMMER, Peter** [DE/DE]; Lagerhausstrasse 2 a, D-85244 Röhmoos (DE).

(74) **SCHAUMBURG, Karl-Heinz** et al. / etc.; Postfach 86 07 48, D-81634 München (DE).

(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 98/16878** (13) A1
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(22) **13 Oct/oct 1997 (13.10.1997)**
(25) es (26) es
(31) U 9602613 (32) **14 Oct/oct 1996 (14.10.1996)** (33) ES

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G04B 45/00

(54) IMPROVED WRIST WATCH
BRACELET-MONTRE AMELIORE

(71, 72) **MERIDA MARIN, Francisco** [ES/ES]; Jaime I, 88, E-08830 Sant Boi de Llobregat (ES).

(74) **PERIS SALVADO, Emilio**; Londres, 67, E-08036 Barcelona (ES).

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

(11) **WO 98/16879** (13) A1
(21) PCT/EP97/06378
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) de (26) de
(31) 196 42 443.7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G05B 11/06

(54) METHOD OF REGULATING A CONTROLLED VARIABLE
PROCEDE DE REGULATION D'UNE GRANDEUR REGULEE

(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) **FEUSTEL, Hans-Peter** [DE/DE]; Waldstrasse 49, D-91154 Roth (DE).

(74) **SCHÄTZLE, Albin** et al. / etc.; Alcatel Alsthom, Intellectual Property Dept., Postfach 300 929, D-70449 Stuttgart (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 98/16880** (13) A1
(21) PCT/US97/18942
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(25) en (26) en
(31) 08/733,211 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(31) 08/909,616 (32) **12 Aug/Août 1997 (12.08.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G05D 7/06

(54) APPARATUS AND METHOD FOR CONTROLLING THE FLOW OF FLUID IN A PUMP SYSTEM
APPAREIL ET PROCEDE PERMETTANT DE REGULER LE FLUX DE FLUIDE DANS UN SYSTEME DE POMPE

(71) **BINKS SAMES CORPORATION** [US/US]; 9201 Belmont Avenue, Franklin Park, IL 60131 (US).

(72) **RATHWEG, Christopher**; 809 East Cleveland, Lafayette, CO 80026 (US). **SHAW, Robert**; 10654 Mooring Road, Longmont, CO 80501 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 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 98/16881** (13) A1
(21) PCT/EP97/05635
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) en (26) en
(31) 08/730,047 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 11/263, 17/50, 11/22

(54) METHOD FOR TESTING AND FOR GENERATING A MAPPING FOR AN ELECTRONIC DEVICE
PROCEDE DESTINE A TESTER ET A PRODUIRE UNE TOPOGRAPHIE POUR UN DISPOSITIF ELECTRONIQUE

(71) **MOTOROLA, INC.** [US/CH]; Motorola, Inc. Wilmington Geneva Branch Office, 207, route de Ferney, CH-1218 Grand-Saconnex (CH).

(72) **BRACHA, Gabriel**; Steiner 7, 69860 Tel Aviv (IL). **WEISBERGER, Eytan**; Dolev 3, 47235 Ramat Hasharon (IL).

(74) **RICHARDT, Markus**; Motorola GmbH, Hagenauer Strasse 47, D-65203 Wiesbaden (DE).

(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 98/16882** (13) A1

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(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) PO 2920 (32) **11 Oct/oct 1996 (11.10.1996)** (33) AU

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 11/30, 9/44

(54) A METHOD AND SYSTEM FOR CONTINUOUS SOFTWARE MONITORING PROCEDE ET SYSTEME POUR LA SURVEILLANCE EN CONTINU DE LOGICIELS

(71) **ERICSSON AUSTRALIA PTY. LTD.** [AU/AU]; 61 Riggall Street, Broadmeadows, VIC 3047 (AU). **ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY** [AU/AU]; 124 LaTrobe Street, Melbourne, VIC 3000 (AU). **THE UNIVERSITY OF MELBOURNE** [AU/AU]; Grattan Street, Parkville, VIC 3052 (AU).
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(72, 75) **WONG, Geoffrey, Peter** [AU/AU]; 6/66 Murray Street, Caulfield South, VIC 3162 (AU). **O'BRIEN, Fergus** [AU/AU]; 9B Moore Street, Coburg, VIC 3058 (AU).

(74) **CARTER SMITH & BEADLE**; Qantas House, 2 Railway Parade, Camberwell, VIC 3124 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16883** (13) A1

(21) PCT/DE97/02070

(22) **15 Sep/sep 1997 (15.09.1997)**

(25) de (26) de

(31) 196 42 560.3 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 12/14

(54) ELECTRONIC DATA PROCESSING CIRCUIT CIRCUIT ELECTRONIQUE DE TRAITEMENT DE DONNEES

(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) **PFAB, Stefan** [DE/DE]; Wettersteinstrasse 2, D-82049 Großhesselohe (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).

Published / Publiée : (c)

(11) **WO 98/16884** (13) A1

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(25) en (26) en

(31) 08/732,956 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 13/00

(54) AN APPARATUS FOR READING AN ELECTRONIC NETWORK NAVIGATION DEVICE AND A PERIPHERAL FOR USE THEREWITH DISPOSITIF POUR LECTURE D'UN SYSTEME DE NAVIGATION DE RESEAU ELECTRONIQUE ET UNITE PERIPHERIQUE UTILISABLE AVEC CE DISPOSITIF

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REBER, William, L.PERTTUNEN, Cary, D.** [US/US]; 11764 Raintree Court, Shelby Township, MI 48315 (US).

(74) **TOLER, Jeffrey, G.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 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 98/16885** (13) A1

(21) PCT/US97/18191

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/731,300 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 13/00

(54) TRANSFERRING DATA FROM DISK STORAGE DIRECTLY TO A PERIPHERAL DEVICE TRANSFERT DE DONNEES D'UNE MEMOIRE A DISQUE DIRECTEMENT DANS UNE UNITE PERIPHERIQUE

(71) **ECRM, INCORPORATED** [US/US]; 554 Clark Road, Tewksbury, MA 01876 (US).

(72) **TROXEL, Donald, E.**; 4 Madison Street, Belmont, MA 02178-3536 (US). **GUERRERA, James, J.**; 1844 Middlesex Street, Lowell, MA 01851 (US).

(74) **WALPERT, Gary, A.**; Fish & Richardson PC, 225 Franklin Street, 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 98/16886** (13) A1

(21) PCT/IB97/01013

(22) **21 Aug/Août 1997 (21.08.1997)**

(25) en (26) en

(31) 08/731,624 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 13/10, 9/445

(54) TASK-DRIVEN CONTROL SYSTEM FOR ELECTRONIC CONSUMER DEVICES SYSTEME DE COMMANDE POUR DISPOSITIFS ELECTRONIQUES GRAND PUBLIC COMMANDE PAR TACHE

(71) **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) **SRIVASTAVA, Saurabh**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CHAMBERS, Paul**; 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 KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 8/269895 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 13/36, 13/368

(54) METHOD OF SWITCHING VIDEO SOURCE TRANSFERRED BY USING ZV PORT, AND COMPUTER SYSTEM USING THE METHOD PROCEDE DE COMMUTATION DE SOURCE VIDEO TRANSFEREE AU MOYEN D'UNE PORTE D'ACCES ZV, ET SYSTEME INFORMATIQUE UTILISANT CE PROCEDE

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210 (JP).
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(72, 75) **TSUBOUCHI, Takumi** [JP/JP]; 1-8-3, Yokote, Hidaka-shi, Saitama-ken 350-12 (JP). **NISHIGAKI, Nobutaka** [JP/JP]; 540-5-201, Fussa, Fussa-shi, Tokyo 197 (JP). **SAKAI, Makoto** [JP/JP]; 6-788-1, Chigasecho, Ome-shi, Tokyo 198 (JP). **HONMA, Toru** [JP/JP]; More Crest Akabane Ichibankan, 40-3-101, Iwabuchi-cho, Kita-ku, Tokyo 115 (JP).

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

(81) US; EP (DE FR GB).

(11) **WO 98/16888** (13) A1

(21) PCT/US97/18472

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/704,301 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/10

(54) METHOD FOR GENERATING AND DISPLAYING FOUR-DIMENSIONAL COMPLEX DATA
METHODE PERMETTANT DE GENERER ET D'AFFICHER DES DONNEES COMPLEXES EN QUATRE DIMENSIONS

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78284 (US).

(72) FISHER, Jay, L.; 3523 Hunters Dawn, San Antonio, TX 78230 (US). PICKENS, Keith, S.; 8318 Beauty Oaks, San Antonio, TX 78284 (US).

(74) KAMMER, Mark, A.; Kammer & Huff PLLC, Suite 304, 750 E. Mulberry, San Antonio, TX 78212 (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).

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(31) 8/273829 (32) 16 Oct/oct 1996 (16.10.1996) (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/22

(54) CHARACTER INPUT APPARATUS AND STORAGE MEDIUM IN WHICH CHARACTER INPUT PROGRAM IS STORED
APPAREIL D'ENTREE DE CARACTERES ET SUPPORT DE DONNEES DANS LEQUEL LE PROGRAMME D'ENTREE DE CARACTERES EST MIS EN MEMOIRE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545 (JP).
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(72, 75) NAKAGAWA, Katsuya [JP/JP]; 45-3, Takama-cho, Nara-shi, Nara-ken 630 (JP).

(74) YAMAMOTO, Shusaku; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 98/16890 (13) A1

(21) PCT/US97/18712

(22) 14 Oct/oct 1997 (14.10.1997)

(25) en (26) en

(31) 60/028,437 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

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(51)⁶ G06F 17/30

(54) MANAGEMENT AND ANALYSIS OF DOCUMENT INFORMATION TEXT

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(63) US 60/028,437 (CIP)
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(71) MANNING & NAPIER INFORMATION SERVICES [US/US]; 1100 Chase Square, Rochester, NY 14604 (US).
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(72, 75) SNYDER, David, L. [US/US]; 52 Crestview Drive, Pittsford, NY 14534 (US). CALISTRI-YEH, Randall, J. [US/US]; 495 Pellett Road, Webster, NY 14580 (US).

(74) DURDIK, Paul, A.; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(31) 08/730,046 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/50

(54) A METHOD FOR ROUTING OF NETS IN AN ELECTRONIC DEVICE
PROCEDE DE ROUTAGE DE CONNEXIONS DANS UN DISPOSITIF ELECTRONIQUE

(71) MOTOROLA, INC. [US/CH]; Wilmington Geneva Branch Office, 207, route de Ferney, Grand Saconnex, CH-1218 Geneva (CH).

(72) BRACHA, Gabriel; Steiner 7, 69860 Tel Aviv (IL). WEISBERGER, Eytan; Dolev 3, 47235 Ramat Hasharon (IL). ALGOR, Ilan; Harama 6, 55900 Ganei Tikva (IL).

(74) RICHARDT, Markus; Motorola GmbH, Hagenauer Strasse 47, D-65203 Wiesbaden (DE).

(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 98/16892 (13) A1

(21) PCT/US97/18463

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(31) 60/028,134 (32) 15 Oct/oct 1996 (15.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/60

(54) TOUCH MENU PANEL SALES TERMINAL
TERMINAL DE VENTE A PANNEAU-MENU TACTILE

(71) TOKHEIM CORPORATION [US/US]; 10501 Corporate Drive, Fort Wayne, IN 46845 (US).

(72) PREWITT, Art; 1903 S. Hadley Road, Fort Wayne, IN 46804 (US). LAD, Dinesh; 5510 Albany Court, Fort Wayne, IN 46835 (US).

(74) KNUTH, Randall, J.; Randall J. Knuth, P.C., 3510-A Stellohorn Road, Fort Wayne, IN 46815-4631 (US).

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

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(31) 08/950,328 (32) 14 Oct/oct 1997 (14.10.1997) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/60

(54) AUTOMATED NETWORKED SERVICE REQUEST AND FULFILLMENT SYSTEM AND METHOD
SYSTEME AUTOMATISE DE DEMANDE ET D'EXECUTION DE SERVICES EN RESEAU ET PROCEDE CORRESPONDANT

(71) CYMEDIX CORP. [US/US]; Suite 117, 100 East Thousand Oaks Boulevard, Thousand Oaks, CA 91360 (US).

(72) BERMAN, Keith; 1623 Elmsford Street, Westlake Village, CA 91361 (US). MISHAIL, Sima; 22036 Collins Street #227, Woodland Hills, CA 91367 (US). TAPPIN, William; 30856 Agoura Road C12, Agoura Hills, CA 91301 (US). ASBELL, Barbara; 2043 Sunridge Drive, Ventura, CA 93003 (US). NGUYEN, Tom, V.; 22300 Satocoy Street, Canoga Park, CA 91303 (US).

(74) PATRICK, Steven, C. et al. / etc.; Koppel & Jacobs, Suite 302, 31255 Cedar Valley Drive, Westlake Village, CA 91362 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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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(31) 60/028,316 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

(31) 08/732,180 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 17/60, 3/033

(54) MAIL NOTES INTERFACE WITH AN AUTO-HIDEABLE TRAY FUNCTIONING WITH VARIOUS E-MAIL SYSTEMS
INTERFACE POUR NOTES DE COURRIER ELECTRONIQUE PRESENTANT UNE FENETRE AUTO-DISSIMULABLE FONCTIONNANT AVEC DIFFERENTS SYSTEMES DE COURRIER ELECTRONIQUE

(71) **WALL DATA INCORPORATED** [US/US]; 11332 N.E. 122nd Way, Kirkland, WA 98034-6931 (US).

(72) **KATZ, Jay, E.**; 1514 Summit Springs Drive, Dunwoody, GA 30350 (US). **PITT, Steven**; 190 Douglas Fir Court, Alpharetta, GA 30202 (US). **CHEN, Wei**; 330 St. Marks Drive, Lilburn, GA 30247 (US). **DELWADIA, Rajiv, M.**; 1519 River Rock Trace, Woodstock, GA 30188 (US). **FU, Jing**; 900G Riverwood Lane, Roswell, GA 30101 (US). **WOMICK, Donald, L.**; 4444 Whitt Mill Road, Acworth, GA 30302 (US). **GOLDIS, Alec, J.**; 4780 Byers Road, Alpharetta, GA 30302 (US). **WILLIAMS, Kimball, W.**; 15328 S.E. 48th Drive, Bellevue, WA 98006 (US).

(74) **TULLETT, Rodney, C.**; Christensen O'Connor Johnson & Kindness, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (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).

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(11) **WO 98/16895** (13) A1

(21) PCT/US97/18175

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(31) 08/732,158 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06F 159:00

(54) MULTIPLE PATIENT MONITORING SYSTEM FOR PROACTIVE HEALTH MANAGEMENT SYSTEME DE SURVEILLANCE D'UN GROUPE DE PATIENTS POUR UNE GESTION SANITAIRE PROACTIVE

(71) **RAYA SYSTEMS, INC.** [US/US]; Suite 520, 2570 W. El Camino Real, Mountain View, CA 94040 (US).

(72) **BROWN, Stephen, J.**; 875 Linda Vista Avenue, Mountain View, CA 94043 (US).

(74) **ALBOSZTA, Marek**; 426 Lowell Avenue, Palo Alto, CA 94301 (US).

(81) AU CA CN 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 98/16896** (13) A1

(21) PCT/US97/18492

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(31) 60/028,592 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06K 7/10

(54) HAND-HELD BAR CODE READER WITH LASER SCANNING AND 2D IMAGE CAPTURE LECTEUR A MAIN DE CODES A BARRES MUNI D'UN SCANNER A LASER ET POSSEDANT DES FONCTIONS DE SAISIE D'IMAGES 2D

(71) **OMNIPLANAR, INC.** [US/US]; P.O. Box 8558, Princeton, NJ 08543 (US).

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(72, 75) **BATTERMAN, Eric, P.** [US/US]; 423 Wertsville Road, Flemington, NJ 08822 (US). **CHANDLER, Donald, G.** [US/US]; 22 Wilson Road, Princeton, NJ 08540 (US).

(74) **JACOBSON, Allan, J.**; 13310 Summit Square Center, Route 413 & Doublewoods Road, Langhorne, PA 19047 (US).

(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 98/16897** (13) A1

(21) PCT/US97/19130

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(31) 60/028,649 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 60/028,578 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 60/028,575 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/946,680 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(31) 08/950,287 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06K 9/00, 9/18, 9/46

(54) ISOMORPHIC PATTERN RECOGNITION RECONNAISSANCE DE FORMES ISOMORPHES

(71) **CONVEY CORPORATION** [US/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US).

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(72, 75) **HALL, Floyd, Steven, Jr.** [US/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US). **HOWIE, Cameron, Telfer** [ZA/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US).

(74) **HAYNES, Mark, A.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (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 98/16898** (13) A1

(21) PCT/IB97/01072

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 96202841.1 (32) **11 Oct/oct 1996 (11.10.1996)** (33) EP

(34) NL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06K 11/16

(54) METHOD OF DETERMINING THE PEN VELOCITY ALONG A GRAPHIC TABLET, AND GRAPHIC TABLET SUITABLE FOR CARRYING OUT THE METHOD

PROCEDE DE DETERMINATION DE LA VELOCITE D'UN STYLET SUR UNE TABLETTE GRAPHIQUE ET TABLETTE GRAPHIQUE ADAPTEE A LA MISE EN OEUVRE DUDIT PROCEDE

(71) **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)

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

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(31) 08/729,366 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06K 19/06

(54) LANDING CONTACT MECHANISM AND CARD LATCH FOR SMART CARD READER/WRITER MECANISME DE CONTACT CONDUCTEUR ET VERROUILLAGE POUR LECTEUR/SCRIPTEUR DE CARTE A MEMOIRE

(71) **VERIFONE, INC.** [US/US]; Suite 400, Three Lagoon Drive, Redwood City, CA (US).

(72) **ZOLKOS, John**; 43621 Buckeye Terrace, Fremont, CA 94587 (US). **NAKAMURA, Lance, S.**; 1679 Hooia Street, Pearl City, HI 96782 (US).

(74) **KENNEY, J., Ernest et al. / etc.**; Bacon & Thomas, 4th floor, 625 Slaters Lane, Alexandria, VA 22314 (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).

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(31) 196 42 563.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G06K 19/077

(54) CHIP CARD WITH A CONTACT ZONE AND METHOD OF PRODUCING SUCH A CHIP CARD CARTE A PUCE MUNIE D'UNE ZONE DE CONTACT ET PROCEDE PERMETTANT DE LA PRODUIRE

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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- (72, 75) **JANCZEK, Thies** [DE/DE]; Adolf-Schmetzer-Strasse 16, D-93055 Regensburg (DE). **STAMPKA, Peter** [DE/DE]; Klardorfer Strasse 41a, D-92421 Schwandorf (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).
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- (11) **WO 98/16901** (13) A1
(21) PCT/EP97/05624
(22) **13 Oct/oct 1997 (13.10.1997)**
(25) de (26) de
(31) 196 42 378.3 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G06K 19/077
(54) METHOD FOR THE MANUFACTURE OF A CONTACTLESS SMART CARD
PROCEDE DE FABRICATION D'UNE CARTE A PUCE SANS CONTACT
- (71) **ZAKEL, Elke** [DE/DE]; Reinickestrasse 8, D-14612 Falkensee (DE).
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- (72, 75) **AZDASHT, Ghassem** [DE/DE]; Reichsstrasse 70, D-14052 Berlin (DE). **LANGE, Martin** [DE/DE]; Gleimstrasse 17, D-10437 Berlin (DE).
- (74) **SCHOPPE, Fritz**; Postfach 71 08 67, D-81458 München (DE).
- (81) 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 98/16902** (13) A1
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(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 96307483.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP
(34) GB et al. / etc.
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G06T 9/00
(54) LOSS-LESS COMPRESSION AND DECOMPRESSION OF BITMAPS
COMPRESSION ET DECOMPRESSION DE DONNEES EN MODE POINTS A PERTE REDUITE
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AITKEN, Andrew, Peter** [GB/GB]; 32 Bourne Close, Winterbourne, Bristol BS17 1PL (GB).
- (74) **LAWRENCE, Richard, Anthony**; Hewlett-Packard Limited, Intellectual Property Section, Building 2, Filton Road, Stoke Gifford, Bristol BS12 6QZ (GB).
- (81) AU 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 98/16903** (13) A1
(21) PCT/US97/18584
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 08/731.535 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G06T 11/00
(54) ADVANCED DIAGNOSTIC VIEWER
VISUALISEUR PERFECTIONNE POUR DIAGNOSTICS
- (71) **VITAL IMAGES, INC.** [US/US]; Suite 100, 3100 West Lake Street, Minneapolis, MN 55416-4510 (US).
- (71, 72) **ARGIRO, Vincent, J.** [US/US]; 504 Kingman Circle, Fairfield, IA 52556 (US). **WEISS, Andrew, M.** [US/US]; 4515 Moorland Avenue, Edina, MN 55424 (US). **RAINBOW, Mark, R.** [US/US]; 1502 Dogwood Drive, Fairfield, IA 52556 (US).
- (74) **VIKSININS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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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(22) **30 Sep/sep 1997 (30.09.1997)**
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(31) 196 42 110.1 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G07B
(54) METHOD AND DEVICE FOR LABELLING FLAT ITEMS OF POST
PROCEDE ET DISPOSITIF POUR ETIQUETER DES ENVOIS PLATS
- (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) **KINNEMANN, Georg** [DE/DE]; Rosa-Luxemburg-Strasse 8, D-15711 Königs Wusterhausen (DE). **GEHL, Christel** [DE/DE]; Wackenbergrasse 27, D-13156 Berlin (DE).
- (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 98/16905** (13) A1
(21) PCT/SE97/01686
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) sv (26) en
(31) 9603788-2 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G07B 15/00
(54) A RADIO COMMUNICATION UNIT FOR VEHICLES
UNITE DE COMMUNICATION RADIO POUR VEHICULE
- (71) **COMBITECH TRAFFIC SYSTEMS AB** [SE/SE]; P.O. Box 1063, S-551 10 Jönköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHANSSON, Alf** [SE/SE]; Skogsvägen 18, S-560 28 Lekeryd (SE).
- (74) **LUNDMARK, Jan-Erik**; Saab AB, Patent Dept., S-581 88 Linköping (SE).
- (81) BR CN JP KR NO 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 98/16906** (13) A1
(21) PCT/EP96/04480
(22) **15 Oct/oct 1996 (15.10.1996)**
(25) en (26) en
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G07C 9/00, H04M 3/38
(54) SPEAKER VERIFICATION METHOD
PROCEDE DE VERIFICATION D'UN LOCUTEUR
- (71) **TELECOM PTT** [CH/CH]; Forschung + Entwicklung, Ostermundigenstrasse 93, CH-3000 Berne 29 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOSER, Thomas** [CH/CH]; Quellenweg 9, CH-8224 Löhningen (CH). **VAN KOMMER, Robert** [NL/CH]; Route du Coteau 45, CH-1752 Villars-sur-Glâne (CH).
- (74) **BOVARD LTD.**; Optingenstrasse 16, CH-3000 Berne 25 (CH).
- (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 (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 98/16907** (13) A1
(21) PCT/US97/18613
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/730.711 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G07D 7/00, G06K 7/10, G01N 21/41, 21/59, 25/00, 25/18, B07C 5/34, 5/342, 1/16
(54) METHODS OF MEASURING CURRENCY LIMPNESS
PROCEDES DE MESURE DE LA FLACCIDITE DE BILLETS DE BANQUE
- (71) **CURRENCY SYSTEMS INTERNATIONAL** [US/US]; 6401 Commerce Drive, Irving, TX 75063 (US).
- (72) **KAYANI, Sohail**; 6314 N. Mac Arthur #3056, Irving, TX 75039 (US).
- (74) **CAHOON, Colin, P.**; Jackson Walker L.L.P., Suite 6000, 901 Main Street, 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 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).

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- (11) **WO 98/16908** (13) A1
 (21) PCT/NL97/00554
 (22) **6 Oct/oct 1997 (06.10.1997)**
 (25) nl (26) en
 (31) 1004249 (32) **11 Oct/oct 1996 (11.10.1996)** (33) NL
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G07F 7/08, 19/00
 (54) SYSTEM COMPRISING A COMPUTER AND A NUMBER OF PORTABLE TERMINALS FOR A SMART CARD, AS WELL AS A TERMINAL TO BE USED IN THIS SYSTEM
 SYSTÈME COMPORTANT UN ORDINATEUR ET PLUSIEURS TERMINAUX PORTABLES POUR CARTE A PUCE, ET TERMINAL UTILISE DANS UN TEL SYSTEME
 (71) **DATENET SMART SERVICES B.V.** [NL/NL]; Utopialaan 50, NL-5232 CE 's-Hertogenbosch (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VAN DIJK, Adrianus, Cornelis** [NL/NL]; Noordeindseweg 58c, NL-2651 CX Berkel & Rodenrijs (NL). **SENGERS, Antonius, Johannes** [NL/NL]; Begijnenkamp 52, NL-6662 TR Elst (NL). **SNEL, Lambertus** [NL/NL]; Weikamp 63, NL-2264 JA Leidschendam (NL).
 (74) **DE VRIES, Johannes, Hendrik, Fokke**; Gebouw Autum, Overschiestraat 184 N, NL-1062 XK Amsterdam (NL).
 (81) AL AU BA BB BG BR BY 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 UG UZ VN YU; AP (GH LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16909** (13) A1
 (21) PCT/EP97/05483
 (22) **6 Oct/oct 1997 (06.10.1997)**
 (25) de (26) de
 (31) 196 42 002.4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G07F 9/10
 (54) DEVICE FOR STORING AND DISPENSING INDIVIDUAL PORTIONS OF DEEP-FROZEN FOOD
 DISPOSITIF POUR CONSERVER ET DELIVRER UN PRODUIT ALIMENTAIRE CONGELÉ EN PORTIONS INDIVIDUELLES
 (71) **SCHÖLLER LEBENSMITTEL GMBH & CO. KG** [DE/DE]; Bucher Strasse 137, D-90419 Nürnberg (DE).
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 (72, 75) **BEER, Richard** [DE/DE]; Castellstrasse 86b, D-90451 Nürnberg (DE). **ENGL, Stefan** [DE/DE]; Lange Gasse 12/Oberndorf, D-91245 Simmelsdorf

(DE). **LINDE, Hansjürgen** [DE/DE]; Hutholzweg 18, D-96450 Coburg (DE). **WÖLFEL, Ralf** [DE/DE]; Gnellenroth 12, D-96215 Lichtenfels (DE). **GROSS, Mathias** [DE/DE]; Hauptstrasse 68, D-95131 Schwarzenbach am Wald (DE). **WAGNER, Michael** [DE/DE]; Dörfleser Anger 32, D-96317 Kronach (DE). **ULLRICH, Michael** [DE/DE]; Kuno-Dietrich-Siedlung 3, D-96328 Kiips (DE). **HEROLD, Alexander** [DE/DE]; Reichenberger Weg 9, D-96242 Burgkunstadt (DE). **LECHNER, Michael** [DE/DE]; Lange-Orles-Strasse 19, D-96138 Burgebrach (DE). **SKUTSCHIK, Viktor** [DE/DE]; Am Judenberg 14, D-96450 Coburg (DE). **APPEL, Erik** [DE/DE]; Sudeten 5, D-96215 Lichtenfels (DE).

(74) **KÖRBER, Wolfhart**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 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 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).

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- (11) **WO 98/16910** (13) A1
 (21) PCT/US97/17920
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 08/729,602 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G07F 17/34
 (54) GAMING MACHINE CURRENCY APPARATUS AND METHOD THEREFORE
 MACHINE A SOUS ET METHODE ASSOCIEE
 (71) **CASINO DATA SYSTEMS** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DICKENSON, Robert, M.** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US). **SCHNEIDER, Richard, Jay** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US). **MCKAY, Linn** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
 (74) **KRETEN, Bernhard**; Suite 245, 77 Cadillac Drive, Sacramento, CA 95825 (US).
 (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 LK LR 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 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).

- (11) **WO 98/16911** (13) A1
 (21) PCT/BR97/00055
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) MU 7603230-2 (32) **14 Oct/oct 1996 (14.10.1996)** (33) BR
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G07F 19/00
 (54) ELECTRONIC SYSTEM FOR BANKING OPERATIONS BY TELEPROCESSING IN REAL TIME WITH PORTABLE PERSONAL DEVICES

SYSTEME ELECTRONIQUE POUR OPERATIONS BANCAIRES PAR TELETRAITEMENT EN TEMPS REEL A L'AIDE DE DISPOSITIFS PERSONNELS PORTABLES

- (71, 72) **BORGES, Ivan** [BR/BR]; Apartamento 103, SQN 304 - Block "D", Asa Norte, CEP-70337-040 Brasília (BR).
 (74) **DE MARCHI, Italo, Muglia**; Avenida Bernardino de Campos, 52, Vila Belmiro, CEP-11065-002 Santos, SP (BR).
 (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 98/16912** (13) A1
 (21) PCT/US97/17043
 (22) **24 Sep/sep 1997 (24.09.1997)**
 (25) en (26) en
 (31) 08/732,174 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G08B 5/22, H03G 3/00
 (54) PAGER WITH ADAPTABLE ALARM DISPOSITIF DE RECHERCHE DE PERSONNES A SONNERIE ADAPTABLE
 (71) **SEIKO COMMUNICATIONS SYSTEMS, INC.** [US/US]; Suite 140, 1625 N.W. Amber Glen Court, Beaverton, OR 97006 (US).
 (72) **PARK, Michael, C.**; 9665 S.W. Melnore Street, Portland, OR 97225 (US).
 (74) **GALBI, Elmer**; Seiko Communications Systems, Inc., Suite 140, 1625 N.W. Amber Glen Court, Beaverton, OR 97006 (US).
 (81) AU BR CA CH CN JP KR MX RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/16913** (13) A1
 (21) PCT/CA97/00754
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 08/730,306 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G08G 1/017
 (54) RECORDING OF TAGGED OBJECTS IN A CLOSED ENVIRONMENT
 ENREGISTREMENT D'OBJETS ETIQUETES DANS UN ESPACE FERME
 (71, 72) **KELLY, Michael, F.** [CA/CA]; P.O. Box 434, Rawdon, Quebec J0K 1S0 (CA). **LEVINE, Martin, D.** [CA/CA]; 19 Church Hill, Westmount, Quebec H3Y 2Z8 (CA). **BHANJ, Altaz** [CA/CA]; 225 Kensington Avenue, Westmount, Quebec H3Z 2G9 (CA). **BLICKER, Stanley** [CA/CA]; 32 Holtham Place, Hampstead, Quebec H3X 3N5 (CA).
 (74) **GRAY, Brian**; Blake, Cassels & Graydon, Box 25, Commerce Court West, Toronto, Ontario M5L 1A9 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16914** (13) A2
(21) PCT/EP97/05767
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 60/028,598 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G08G 18/00
(54) COMPOSITION FOR MAKING THERMOPLASTIC POLYURETHANES
COMPOSITION DESTINEE A LA FABRICATION DE POLYURETHANES THERMOPLASTIQUES
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **HANDLIN, Dale, Lee, Jr.**; 2816 Windchase Boulevard, Houston, TX 77082 (US). **MASSE, Michael, Alan**; 2411 Old Dixie Drive, Richmond, TX 77469 (US).
- (81) BR CA CN 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 98/16915** (13) A1
(21) PCT/EP97/04258
(22) **5 Aug/Août 1997 (05.08.1997)**
(25) de (26) de
(31) 296 17 845.4 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G10K 11/172, 11/168
(54) DEVICE FOR ABSORBING AND/OR DAMPING SOUND WAVES
DISPOSITIF POUR ABSORBER ET/OU AMORTIR DES ONDES SONORES
- (71) **M. FAIST GMBH & CO. KG** [DE/DE]; Michael-Faist-Strasse 11-15, D-86381 Krumbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **PFÄFFELHUBER, Klaus** [DE/DE]; Enziansstrasse 11, D-89312 Günzburg (DE). **KÖCK, Gerhard** [DE/DE]; Sonnenleite 16, D-83361 Kienberg (DE). **LAHNER, Stefan** [DE/DE]; Bahnhofstrasse 52a, D-86381 Krumbach (DE). **RUHE, Thomas** [DE/DE]; Bahnhofstrasse 54e, D-86381 Krumbach (DE).
- (74) **MÜLLER, Hans-Jürgen** et al. / etc.; Postfach 10 11 61, D-80085 München (DE).
- (81) CZ HU JP KR PL 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 98/16916** (13) A1
(21) PCT/US97/12010
(22) **10 Jul/juil 1997 (10.07.1997)**
(25) en (26) en
(31) 08/730,773 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G10K 11/178
(54) HYBRID ACTIVE-PASSIVE NOISE AND VIBRATION CONTROL SYSTEM FOR AIRCRAFT
- SYSTEME ACTIF-PASSIF HYBRIDE DE REGULATION DE BRUITS ET DE VIBRATIONS POUR AERONEF
- (71) **LORD CORPORATION** [US/US]; Crossroads Corporate Park, Building II, Suite 100, 110 Corning Road, Cary, NC 27511 (US).
- (72) **JOLLY, Mark, R.**; P.O. Box 280, Holly Springs, NC 27540 (US). **ROSSETTI, Dino, J.**; 1038 Hillside Drive, Chapel Hill, NC 27514 (US). **NORRIS, Mark, A.**; 4816 Holly Brook Drive, Apex, NC 27502 (US). **MILLER, Lane, R.**; 3328 Bentwillow Drive, Fuquay Varina, NC 27526 (US).
- (74) **WAYLAND, Randall, S.** et al. / etc.; Lord Corporation, Crossroads Corporate Park, Building II, Suite 100, 110 Corning Road, Cary, NC 27511 (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 98/16917** (13) A2
(21) PCT/US97/18840
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 60/028,649 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 60/028,578 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 60/028,575 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
(31) 08/946,680 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G11B
(54) A FILE STRUCTURE FOR SCANNED DOCUMENTS
STRUCTURE DE FICHIERS POUR DOCUMENTS EXPLORÉS
- (71) **CONVEY CORPORATION** [US/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **HALL, Floyd, Steven, Jr.** [US/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US). **HOWIE, Cameron, Telfer** [ZA/US]; 20 Los Robles Court, Menlo Park, CA 94025 (US).
- (74) **HAYNES, Mark, A.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (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 LK LR LS LT LU LV MD MG MK MN MW 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 98/16918** (13) A1
(21) PCT/US97/18810
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 08/734,782 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G11B 5/02, 21/02
- METHOD FOR RECOVERING DATA FROM DISK WITH MAGNETO-RESISTIVE HEAD IN PRESENCE OF THERMAL ASPERITIES
PROCEDE DE RECUPERATION DE DONNEES A PARTIR D'UN DISQUE AU MOYEN D'UNE TETE DE LECTURE MAGNETO-RESISTIVE EN PRESENCE D'ASPERITES THERMIQUES
- (71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).
- (72) **SCARAMUZZO, John**; 6 Kings Lane, Medway, MA 02053 (US). **SAWIN, James**; 3 Heather Lane, Sterling, MA 01564 (US). **BUCH, Bruce, D.**; 21 Old Nourse Street, Westboro, MA 01581 (US). **BROWN, Russel, W.**; 49 Pineglen Crest, Nepean, Ontario K2G 0G7 (CA). **HORGAN, Nick**; 51-11 Briarwood Lane, Marlboro, MA 01581 (US).
- (74) **CHUN, Debra, A.** et al. / etc.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).
- (81) AU CA 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 98/16919** (13) A1
(21) PCT/US97/19010
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/732,942 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G11B 5/09, G11C 29/00, H03M 13/00
(54) METHOD OF INSURING DATA INTEGRITY WITH A DATA RANDOMIZER
PROCEDE PERMETTANT D'ASSURER L'INTEGRITE DES DONNEES A L'AIDE D'UNE UNITE DE CALCUL D'ADRESSE
- (71) **MAXTOR CORPORATION** [US/US]; 2190 Miller Drive, Longmont, CO 80501 (US).
- (72) **WHALEY, Jeffrey, L.**; 3946 Arbol Court, Boulder, CO 80301 (US).
- (74) **SCOTT, John, C.** 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 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).
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- (11) **WO 98/16920** (13) A1
(21) PCT/US97/19012
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/733,964 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)
(51)⁶ G11B 5/09
(54) TECHNIQUE FOR REDUCING OVERHEAD IN A DATA STORAGE SYSTEM
TECHNIQUE PERMETTANT DE REDUIRE LES DONNEES DE SERVICE DANS UN SYSTEME DE STOCKAGE DE DONNEES

- (71) **MAXTOR CORPORATION** [US/US]; 2190 Miller Drive, Longmont, CO 80501 (US).
- (72) **WHALEY, Jeffrey, L.**; 3946 Arbol Court, Boulder, CO 80301 (US). **METZ, Robert, L.**; 9052 Perry Street, Westminster, CO 80030 (US).
- (74) **SCOTT, John, C.** 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 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 98/16921** (13) A1
(21) PCT/US97/18245
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 60/028,973 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ G11B 5/39
(54) MAGNETORESISTIVE HEAD HAVING SHORTED SHIELD CONFIGURATION FOR INDUCTIVE PICKUP MINIMIZATION
TETE DE LECTURE MAGNETORESISTIVE PRESENTANT UNE CONFIGURATION DE BLINDAGE COURT-CIRCUITEE POUR REDUIRE AU MINIMUM LES POINTES INDUCTIVES DE TENSION

- (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) **MOWRY, Gregory, S.** [US/US]; 18 Geneva Boulevard, Burnsville, MN 55306 (US). **FERNANDEZ-DE-CASTRO, Juan, J.** [US/US]; 17245 Jasmine Court, Lakeville, MN 55044 (US). **DING, Juren** [RO/US]; 16781 Hutchinson Drive, Lakeville, MN 55044 (US).

- (74) **ANGUS, Robert, M.**; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(81) DE GB JP KR SG US.

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- (11) **WO 98/16922** (13) A1
(21) PCT/US97/18325
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 60/028,371 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

- (31) 08/793,327 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US
(43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ G11B 5/596
(54) DISC DRIVE SERVO SYSTEM EMPLOYING THERMAL SIGNALS
SYSTEME ASSERVI POUR LECTEUR DE DISQUES UTILISANT DES SIGNAUX THERMIQUES

- (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).

- (72) **MEYER, Dallas, W.**; 13308 Oliver Avenue South, Burnsville, MN 55337 (US). **NAGARAJAN, Subrahmanyan**; 15705 Alpine Circle, Burnsville, MN 55306 (US).

- (74) **ANGUS, Robert, M.**; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(81) DE GB JP KR SG.

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- (11) **WO 98/16923** (13) A1
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(31) 60/028,882 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

- (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G11B 5/66, 5/85

- (54) MAGNETIC RECORDING MEDIUM COMPRISING A NICKEL ALUMINUM OR IRON ALUMINUM UNDERLAYER
SUPPORT D'ENREGISTREMENT MAGNETIQUE COMPRENANT UNE SOUS-COUCHE D'ALUMINIUM DE NICKEL OU D'ALUMINIUM FERRIQUE

- (71) **SEAGATE TECHNOLOGY** [US/US]; 920 Disc Drive, P.O. Box 66360, Scotts Valley, CA 95067-0360 (US).
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- (72, 75) **CHEN, Qixu** [CN/US]; 1630 Tahoe Drive, Milpitas, CA 95035 (US). **CHANG, Jyh-Kau** [-/US]; 824 Lippert Avenue, Fremont, CA 94539 (US). **LEU, Charles** [US/US]; 45296 S. Grimmer Boulevard, Fremont, CA 94539 (US). **CHEN, Ga-Lane** [US/US]; 150 Estrella Road, Fremont, CA 94539 (US).

- (74) **STEINER, Arthur, J.** et al. / etc.; Lowe, Price, Leblanc & Becker, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (US).

(81) DE GB JP KR SG US.

- (11) **WO 98/16924** (13) A1
(21) PCT/DE97/02257
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) de (26) de
(31) 196 42 343.0 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

- (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G11B 7/09, 33/08

- (54) METHOD OF REGULATING THE FOCUSING AND GUIDING OF A LIGHT BEAM
PROCEDE DE REGLAGE DE LA FOCALISATION ET DU GUIDAGE D'UN FAISCEAU LUMINEUX

- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **BUCHS, Willy** [CH/CH]; Chemin de Montaux, CH-1027 Lonay (CH). **BAAS, Dieter** [DE/DE]; Sofienstrasse 10, D-77694 Auenheim (DE). **COCHARD, Roland** [CH/CH]; 7, avenue A.-André, CH-1110 Morges (CH). **JEANNIN, Pierre** [FR/CH]; 12, Grosse Pierre, CH-1110 Morges (CH).

(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 98/16925** (13) A1

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(31) 8/272719 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G11B 17/32

- (54) MAGNETIC HEAD DEVICE AND MAGNETIC DISK DEVICE
DISPOSITIF TETE MAGNETIQUE ET DISPOSITIF DISQUE MAGNETIQUE

- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
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- (72, 75) **NAKAYAMA, Masayuki** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). **AKIHO, Hiraku** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). **TAKAHASHI, Koji** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).

- (74) **KOIKE, Akira** et al. / etc.; No. 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP).

(81) JP US.

- (11) **WO 98/16926** (13) A1

(21) PCT/JP97/00957

(22) **21 Mar/mar 1997 (21.03.1997)**

(25) ja (26) ja

(31) 8/273551 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G11B 20/10, H04N 5/91, 5/92

- (54) METHOD OR RECORDING MEDIUM DATA IN RECORDING MEDIUM, AND METHOD AND SYSTEM FOR ACCESSING MEDIUM DATA STORED IN RECORDING MEDIUM
PROCEDE D'ENREGISTREMENT DE DONNEES DANS DES SUPPORTS D'ENREGISTREMENT, PROCEDE ET SYSTEME PERMETTANT D'ACCEDE A DES DONNEES MEMORISEES DANS DES SUPPORTS D'ENREGISTREMENT

- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).
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- (72, 75) **MIWA, Kunihiko** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **KOBAYASHI, Hiroya** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **MORIMOTO, Norishige** [JP/JP]; IBM Japan Ltd., Tokyo Research Laboratory, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).

- (74) **GODA, Kiyoshi** et al. / etc.; IBM Japan Ltd., Yamato Site, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).

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

- (11) **WO 98/16927** (13) A1

(21) PCT/JP97/02286

- (22) **30 Jun/juin 1997 (30.06.1997)**
 (25) ja (26) ja
 (31) 8/273551 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (31) PCT/JP97/00957 (32) **21 Mar/mar 1997 (21.03.1997)** (33) WO
 (34) JP et al. / etc.
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G11B 20/10, 7/00, G06F 12/14, G09C 1/00
- (54) METHOD OF RECORDING MEDIA DATA ON RECORDING MEDIUM AND METHOD AND SYSTEM FOR ACCESSING MEDIUM DATA STORED IN RECORDING MEDIUM
 PROCEDE D'ENREGISTREMENT DE DONNEES DE SUPPORT SUR UN SUPPORT D'ENREGISTREMENT ET PROCEDE ET SYSTEME PERMETTANT D'ACCEDER AUX DONNEES DE SUPPORT ENREGISTREES SUR LEDIT SUPPORT
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIWA, Kunihiko** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **KOBAYASHI, Hiroya** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **MORIMOTO, Norishige** [JP/JP]; IBM Japan Ltd., Tokyo Research Laboratory, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).
- (74) **GODA, Kiyoshi** et al. / etc.; IBM Japan Ltd., Yamato Site, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).
- (81) BR CA CN CZ HU JP KR PL RU 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 98/16928** (13) A1
 (21) PCT/JP97/02822
 (22) **12 Aug/Août 1997 (12.08.1997)**
 (25) ja (26) ja
 (31) 8/273551 (32) **16 Oct/oct 1996 (16.10.1996)** (33) JP
 (31) PCT/JP97/00957 (32) **21 Mar/mar 1997 (21.03.1997)** (33) WO
 (34) JP et al. / etc.
 (31) PCT/JP97/02286 (32) **30 Jun/juin 1997 (30.06.1997)** (33) WO
 (34) JP et al. / etc.
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G11B 20/10, G06F 12/14, H04N 5/91, G09C 5/00
- (54) METHOD AND SYSTEM FOR MANAGING ACCESS TO DATA
 PROCEDE ET SYSTEME DE GESTION D'ACCES A DES DONNEES
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIWA, Kunihiko** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **KOBAYASHI, Hiroya** [JP/JP]; IBM Japan Ltd., Fujisawa-Site, 1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken 252 (JP). **MORIMOTO, Norishige** [JP/JP]; IBM Japan Ltd., Tokyo Research Laboratory, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).
- (74) **GODA, Kiyoshi** et al. / etc.; IBM Japan Ltd., Yamato Site, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).
- (81) BR CA CN CZ HU JP KR PL RU SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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 (21) PCT/US97/19021
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) en (26) en
 (31) 08/730,260 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (74) **GODA, Kiyoshi** et al. / etc.; IBM Japan Ltd., Yamato Site, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).
- (81) BR CA CN CZ HU JP KR PL RU 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 98/16929** (13) A1
 (21) PCT/JP97/02621
 (22) **28 Jul/juil 1997 (28.07.1997)**
 (25) ja (26) ja
 (31) 8/270043 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP
 (31) 8/292084 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
 (31) 9/63406 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G11B 20/14, 7/00
- (54) DIGITAL RECORDING METHOD, DIGITAL DISK, DIGITAL DISK RECORDING DEVICE, AND DIGITAL DISK REPRODUCING DEVICE
 PROCEDE D'ENREGISTREMENT NUMERIQUE, DISQUE NUMERIQUE, DISPOSITIF D'ENREGISTREMENT DE DISQUE NUMERIQUE ET DISPOSITIF DE REPRODUCTION DE DISQUE NUMERIQUE
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORI, Yoshihiro** [JP/JP]; 5-1-12, Kuramae, Gifu-shi, Gifu 500 (JP). **MATSUYAMA, Hisashi** [JP/JP]; 1-1005-1-203, Ryoke-cho, Ogaki-shi, Gifu 503 (JP). **KUNISA, Akiomi** [JP/JP]; 2-20-1-314, Chuo, Kasukabe-shi, Saitama 344 (JP). **ITOH, Nobuo** [JP/JP]; 3-29-5, Chikusa, Chikusa-ku, Nagoya-shi, Aichi 464 (JP). **TAKAHASHI, Seiichiro** [JP/JP]; 4-13-12, Noritake-naka, Gifu-shi, Gifu 502 (JP). **HIOKI, Toshiaki** [JP/JP]; 29-902, Takeshima-cho, Ogaki-shi, Gifu 503 (JP). **ASANO, Kenji** [JP/JP]; 2-108, Nakashinden-cho, Kakamigahara-shi, Gifu 504 (JP). **MAMIYA, Noboru** [JP/JP]; 190-1-106, Jukyujou, Hozumi-cho, Motosu-gun, Gifu 501-02 (JP). **UCHIHARA, Yoshiharu** [JP/JP]; 2-48-207, Higashimae, Ogaki-shi, Gifu 503 (JP). **NAKAO, Kenji** [JP/JP]; 488, Shimoshikke, Gifu-shi, Gifu 501-11 (JP). **SUMI, Satoshi** [JP/JP]; 134-1, Iwai, Gifu-shi, Gifu 501-31 (JP). **TORAZAWA, Kenji** [JP/JP]; 131-3, Tsurumi-cho, Ogaki-shi, Gifu 503 (JP).
- (74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Building, 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
- (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 KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16931** (13) A1
 (21) PCT/JP97/03703
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) ja (26) ja
 (31) 8/272102 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP
 (31) 9/104765 (32) **22 Apr/avr 1997 (22.04.1997)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G11B 21/21
- (54) METHOD OF MANUFACTURING A MAGNETIC HEAD SLIDER
 PROCEDE POUR FABRIQUER UN CARENAGE DE TETE MAGNETIQUE
- (71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-04 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKUSHIMA, Nobuto** [JP/JP]; 7-15, Gion, Sayama-shi, Saitama 350-13 (JP). **KIGAWA, Keisuke** [JP/JP]; 17-1-201, Misugidai 5-chome, Hanno-shi, Saitama 357 (JP).
- (74) **HATA, Yasuyuki** et al. / etc.; Akasaka-Taisei Building, 1-18, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).
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- (11) **WO 98/16932** (13) A1
 (21) PCT/JP97/03768
 (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) ja (26) ja
 (31) 8/295822 (32) **17 Oct/oct 1996 (17.10.1996)** (33) JP
 (31) 9/64816 (32) **18 Mar/mar 1997 (18.03.1997)** (33) JP
 (31) 9/103636 (32) **21 Apr/avr 1997 (21.04.1997)** (33) JP
 (31) 9/111596 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ G11B 21/21

(54) DISCOIDAL RECORDING MEDIUM, HEAD SLIDER AND RECORDING AND/OR PLAY-BACK APPARATUS
SUPPORT D'ENREGISTREMENT EN FORME DE DISQUE, COULISSEAU DE TETE, ET APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Toyko 141 (JP).
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(72, 75) **MORITA, Osamu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105 (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 98/16933** (13) A1

(21) PCT/JP97/03692

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/27/1933 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G11C 29/00

(54) MEMORY TESTER AND METHOD OF SWITCHING THE TESTER TO RAM TEST MODE AND ROM TEST MODE
VERIFICATEUR DE MEMOIRE ET PROCEDE DE COMMUTATION DUDIT VERIFICATEUR D'UN MODE DE VERIFICATION RAM A UN MODE DE VERIFICATION ROM

(71) **ADVANTEST CORPORATION** [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKANO, Kazuo** [JP/JP]; 1212-6, Zengashima, Menumamachi, Ohsato-gun, Saitama 360-02 (JP).

(74) **KUSANO, Takashi** et al. / etc.; Sagami Building, 2-21, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160 (JP).

(81) DE JP KR US.

(11) **WO 98/16934** (13) A1

(21) PCT/DE97/02269

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 42 382.1 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G21C 17/022, G01N 1/10

(54) METHOD AND DEVICE FOR OBTAINING A FLUID SAMPLE
PROCEDE ET DISPOSITIF DE PRELEVEMENT D'UN ECHANTILLON LIQUIDE

(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) **ECKARDT, Bernd** [DE/DE]; Kastanienweg 14, D-63486 Bruchköbel (DE). **FEUERBACH, Robert** [DE/DE]; Robert-Schuhmann-Ring 47, D-65830 Kriftel (DE). **BLASE, Michael** [DE/DE]; Humboldtstrasse 15, D-63538 Großkrotzenburg

(DE). **BETZ, Richard** [DE/DE]; Oberdorf 17, D-63683 Ortenberg (DE).

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

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(31) 96116506.5 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G21C 17/06

(54) A MONITOR FOR MEASURING BOTH THE GAMMA SPECTRUM AND NEUTRONS EMITTED BY AN OBJECT, SUCH AS SPENT NUCLEAR FUEL
APPAREIL DE MESURE PERMETTANT DE MESURER LE SPECTRE GAMMA ET LES NEUTRONS EMIS PAR UN OBJET TEL QU'UN COMBUSTIBLE EPUISE

(71) **EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)** [LU/LU]; Rue Alcide de Gasperi, L-2920 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NICOLAOU, George** [GR/DE]; Epernaysstrasse 20, D-76275 Ettlingen (DE). **ABBAS, Kamel** [FR/DE]; Tullastrasse 13, D-76344 Leopoldshafen (DE). **KOCH, Lothar** [DE/DE]; Rieslingweg 8, D-76356 Weingarten (DE).

(74) **WEINMILLER, Jürgen**; Spott & Weinmiller, Lennéstrasse 9, Postfach 24, D-82336 Feldafing (DE).

(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 98/16936** (13) A1

(21) PCT/SE97/01658

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(31) 9603757-7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ G21F 5/005

(54) METHOD OF MANUFACTURING OBLONG CAPSULES
PROCEDE POUR PRODUIRE DES CAPSULES OBLONGUES

(71, 72) **JOHANSSON, Gert** [SE/SE]; Kohlswa Gjuteri AB, P.O. Box 101, S-730 30 Kolsva (SE).

(74) **BERGGREN, Björn**; Långrevsgatan 1, S-723 49 Västerås (SE).

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

(11) **WO 98/16937** (13) A1

(21) PCT/US97/16069

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) en (26) en

(31) 08/734,375 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01B 3/40, C09K 19/38

(54) ELECTRICAL INSULATION USING LIQUID CRYSTAL THERMOSET EPOXY RESINS
ISOLATION ELECTRIQUE AU MOYEN DE RESINES EPOXY THERMODURCISSABLES A CRISTAUX LIQUIDES

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, 11 Stanwix Street, Pittsburgh, PA 15222 (US).

(72) **SMITH, James, D., B.**; 110 Drake Drive, Monroeville, PA 15146 (US). **SCHOCH, Karl, F., Jr.**; 769 Lougeay Road, Pittsburgh, PA 15235 (US). **SU, Wei-Fang, A.**; 4335 Reynard Drive, Murrysville, PA 15668 (US).

(74) **DEPAUL, Louis, A.**; Westinghouse Electric Corporation, Law Dept., 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

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

(11) **WO 98/16938** (13) A1

(21) PCT/EP97/05600

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) de (26) de

(31) 196 42 037.7 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01C 7/02, A61F 7/02, H05B 3/34

(54) ELECTRIC BLANKET
COUVERTURE CHAUFFANTE

(71) **KRECO KREINER CONSULTING GESELLSCHAFT FÜR WISSENSCHAFTLICH-TECHNISCHES PROJEKTMANAGEMENT MBH** [DE/DE]; Möhlstrasse 16, D-81675 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENTNER, Nikolaus** [DE/DE]; Dachstrasse 37, D-81243 München (DE). **KREINER, Hans-Jürg** [DE/DE]; Harthäuser Strasse 30a, D-81545 München (DE). **KREINER, Jürg** [DE/AT]; Franz-Josef-Strasse 18, A-5020 Salzburg (AT).

(74) **NÖTH, Heinz**; Mozartstrasse 17, D-80336 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).

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(21) PCT/US97/18542

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(31) 08/730,201 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01F 27/24

(54) MAGNETIC CORE STRUCTURE
STRUCTURE DE NOYAU MAGNETIQUE

(71) **ABB POWER T & D COMPANY INC.** [US/US]; 1021 Main Campus Drive, Raleigh, NC 27606 (US).

(72) **WESTBERG, Johan**; Röbacksvägen 15, S-Ludvika (SE).

(74) **NORRIS, Norman, L.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

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

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(21) PCT/JP97/03850

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(31) 8/272431 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01H 19/02

(54) DIAL OPERATING APPARATUS
DISPOSITIF OPERATEUR A CADRAN

(71) **KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO** [JP/JP]; 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIGURO, Kazuyoshi** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).

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

(11) **WO 98/16941** (13) A1

(21) PCT/JP97/03849

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) ja (26) ja

(31) 8/272432 (32) **15 Oct/oct 1996 (15.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01H 19/20

(54) DIAL OPERATING DEVICE
DISPOSITIF D'ACTIONNEMENT DE CADRAN

(71) **KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO** [JP/JP]; 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIGURO, Kazuyoshi** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP). **NAKA, Mitsuru** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).

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

(11) **WO 98/16942** (13) A1

(21) PCT/US97/17906

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 60/027,912 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 08/872,416 (32) **10 Jun/juin 1997 (10.06.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 7/24

(54) FIRE-SAFE HALOGEN TORCHIERE LAMP
LAMPADAIRE HALOGENE AVEC PROTECTION CONTRE L'INCENDIE

(71) **CATALINA LIGHTING, INC.** [US/US]; 18191 N.W. 68th Avenue, Miami, FL 33015 (US).

(72) **FAL, Chan, K.**; 6/F Kenning Industrial Building, 19 Wang Hoi Road, Kowloon Bay, Hong-Kong (CN).

(74) **ZITO, Joseph, J.**; Suite 500, 1899 L Street, N.W., Washington, DC 20036 (US).

(81) JP KR; 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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(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 60/028,677 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 9/02, 1/88

(54) CONNECTION METHOD FOR FIBER FIELD EMITTERS AND FIELD EMITTER CATHODES MADE THEREFROM
PROCEDE DE CONNEXION D'EMETTEURS DE CHAMP EN FIBRES ET CATHODES EMETTRICES DE CHAMP FABRIQUEES A PARTIR DESDITS EMETTEURS

(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) **AMEY, Daniel, Irwin, Jr.** [US/US]; 740 Brookwood Lane, Hockessin, DE 19707 (US). **MILGAZO, Henry, Florentino** [US/US]; 471 Driscoll Drive, Brick, NJ 08724 (US).

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

(81) AU 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 98/16944** (13) A1

(21) PCT/IB97/01071

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 96202840.3 (32) **11 Oct/oct 1996 (11.10.1996)** (33) EP

(34) NL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 9/14, 29/81

(54) COLOUR CATHODE RAY TUBE AND METHOD OF MANUFACTURING A COLOUR SELECTION ELECTRODE
TUBE CATHODIQUE COULEUR ET PROCEDE DE FABRICATION D'UNE ELECTRODE DE SELECTION DE COULEUR

(71) **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) **VAN OEKEL, Jacques, Jules**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SEVERENS, Michael, Johannes, Maria, Jozef**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TIMMERMANS, Gerarda, Maria, Helena**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN UDEN, Maria, Christiaan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BROUHA, Marcel**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VAN STRAATEN, Joop**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/16945** (13) A1

(21) PCT/IB97/01260

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 96/12534 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 29/56

(54) ELECTRON BEAM DEFLECTION SYSTEM FOR CATHODE RAY TUBES
SYSTEME DE DEVIATION DE FAISCEAUX D'ELECTRONS POUR TUBES CATHODIQUES

(71) **THOMSON TUBES AND DISPLAYS, S.A.** [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERREAUT, Jean-Marc** [FR/FR]; 15, rue du Musigny, F-21000 Dijon (FR). **ROUSSEL, Bruno** [FR/FR]; 1, rue Haute de l'église, F-21110 Longchamp (FR).

(74) **MOJAL, Gerard** et al. / etc.; Thomson Tubes and Displays, S.A., 46, quai A. Le Gallo, F-92648 Boulogne 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/16946** (13) A2

(21) PCT/US97/17315

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/733,673 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 37/09

(54) CONICAL BAFFLE FOR REDUCING CHARGING DRIFT IN A PARTICLE BEAM SYSTEM
CHICANE CONIQUE DESTINEE A REDUIRE LA DERIVE DE CHARGE D'UN SYSTEME A FAISCEAU DE PARTICULES

(71) **ETEC SYSTEMS, INC.** [US/US]; 26460 Corporate Avenue, Hayward, CA 94545 (US).

(72) **VENEKLASEN, Lee, H.**; 3445 Badding Road, Castro Valley, CA 94546 (US). **YOUNG, Lydia, J.**; 2266 St. Francis Drive, Palo Alto, CA 94303 (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) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16947** (13) A1

(21) PCT/DE97/02303

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) de (26) de

(31) 196 42 116.0 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 37/30, 37/147, 37/317

(54) METHOD FOR STRUCTURED ENERGY TRANSMISSION USING ELECTRON BEAMS
PROCEDE DE TRANSMISSION D'ENERGIE STRUCTUREE AVEC DES FAISCEAUX ELECTRONIQUES

(71) **F.O.B. GMBH GESELLSCHAFT ZUR FERTIGUNG FARBIGER OPTOELEKTRONISCHER BAUELEMENTE** [DE/DE]; Schwoitscher Strasse 2, D-06184 Gröbers (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANZER, Siegfried** [DE/DE]; Hellendorfer Strasse 8, D-01279 Dresden (DE). **DÄNHARDT, Jürgen** [DE/DE]; Burkersdorfer Weg 21, D-01189 Dresden (DE).

(74) **VOIGT, Wolf-Rüdiger**; Alter Markt 1-2, D-06108 Halle (DE).

(81) CN JP KR 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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(11) **WO 98/16948** (13) A1

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(31) 196 41 981.6 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 37/30

(54) METHOD TO DETERMINE DEPTH PROFILES IN AN AREA OF THIN COATING
PROCEDE DE DETERMINATION DE PROFILS DE PROFONDEUR DANS UNE ZONE A COUCHE MINCE

(71, 72) **BENNINGHOVEN, Alfred** [DE/DE]; Kösters Kämpken 30, D-48161 Münster (DE).

(72, 75) **NIEHUIS, Ewald** [DE/DE]; Erlengrund 323, D-48308 Senden (DE).

(74) **HOFFMEISTER, Helmut**; Goldstrasse 36, D-48147 Münster (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 98/16949** (13) A1

(21) PCT/EP97/05278

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(31) 196 42 261.2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01J 49/40, B01J 8/00

(54) METHOD AND DEVICE FOR REVEALING A CATALYTIC ACTIVITY BY SOLID MATERIALS
PROCEDE ET DISPOSITIF DE MISE EN EVIDENCE D'UNE ACTIVITE CATALYTIQUE DE MATIERES SOLIDES

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINDHAB, Norbert** [DE/DE]; Akaziensstrasse 28, D-65795 Hattersheim (DE). **MICULKA, Christian** [DE/DE]; Gebeschusstrasse 36, D-65929 Frankfurt am Main (DE). **HOPPE, Hans-Ulrich** [DE/DE]; Amselweg 11, D-65929 Frankfurt am Main (DE).

(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 98/16950** (13) A1

(21) PCT/JP97/03634

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) ja (26) ja

(31) 8/289068 (32) **11 Oct/oct 1996 (11.10.1996)** (33) JP

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 21/3065, 21/768

(54) PLASMA ETCHING METHOD
PROCEDE DE DECAPAGE AU PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YATSUDA, Koichi** [JP/JP]; 6-10-7, Kai-sei, Saga-shi, Saga-ken 849 (JP). **NISHIARA, Tetsuya** [JP/JP]; 2-51-37, Kamariyaminami, Kanazawa-ku, Yokohama-shi, Kanagawa-ken 236 (JP). **INAZAWA, Kouichiro** [JP/JP]; 5-33-7-505, Funabashi, Setagaya-ku, Tokyo 156 (JP). **OKAMOTO, Shin** [JP/JP]; 202, Heights-Tanabe, 1-15-4, Midorigaoka, Kofu-shi, Yamanashi-ken 400 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-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 98/16951** (13) A1

(21) PCT/SE97/01614

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 9603738-7 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 21/331, 21/20, 29/73, 29/24

(54) A METHOD FOR PRODUCING A SILICON CARBIDE BIPOLAR DEVICE AND A SILICON CARBIDE BIPOLAR DEVICE

PROCEDE DE PRODUCTION D'UN DISPOSITIF BIPOLAIRE DE CARBURE DE SILICIUM, ET UN TEL DISPOSITIF

(71) **ABB RESEARCH LTD.** [CH/CH]; P.O. Box 8131, CH-8050 Zürich (CH).

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

(72, 75) **HERMANSSON, Willy** [SE/SE]; Häkantorpsgratan 49, S-724 76 Västerås (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).

(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 98/16952** (13) A1

(21) PCT/FR97/01854

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) fr (26) fr

(31) 96/12613 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 23/473, H05K 7/20

(54) ELECTRONIC POWER MODULE, AND ELECTRONIC POWER SYSTEM COMPRISING A PLURALITY OF SAME
MODULE ELECTRONIQUE DE PUISSANCE, ET SYSTEME ELECTRONIQUE DE PUISSANCE COMPRENANT UNE PLURALITE DUDIT MODULE

(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) **RANCHY, Eric** [FR/FR]; 49, avenue Schneider, F-92140 Clamart (FR). **PETITBON, Alain** [FR/FR]; 23, rue des Menuets, F-78730 Saint Arnault en Yvelines (FR). **BROQUA, Nadia** [FR/FR]; 40, rue de la Folie Bessin, F-91620 Nozay (FR). **CAZABAT, Stéphane** [FR/FR]; 9, rue d'Australie, F-91300 Massy (FR). **ESTOP, Pascal** [FR/FR]; 11, avenue M. Robespierre, F-94400 Vitry sur Seine (FR). **CROUZY, Sophie** [FR/FR]; 6, Villa Bellevue, F-91440 Bures sur Yvette (FR).

(74) **LABADENS, Bruno**; Alcatel Alsthom, IPD, 30, avenue Kléber, F-75116 Paris (FR).

(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 98/16953** (13) A1

(21) PCT/DE97/02320

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) de (26) de

(31) 196 42 358.9 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(31) 197 02 014.3 (32) **22 Jan/jan 1997 (22.01.1997)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 23/498

(54) CHIP MODULE AND METHOD FOR PRODUCING THE SAME
MODULE A PUCES ET SON PROCEDE DE PRODUCTION

(71) **PAC TECH - PACKAGING TECHNOLOGIES GMBH** [DE/DE]; Am Schlangenhörst 15-17, D-14641 Nauen (DE).

(72) **OPPERMANN, Hans-Hermann**; Tellstrasse 6, D-12045 Berlin (DE). **ZAKEL, Elke**; Reinickesstrasse 8, D-14612 Falkensee (DE). **AZDASHT, Ghassem**; Reichsstrasse 70, D-14052 Berlin (DE). **KASULKE, Paul**; Waldstrasse 45, D-10551 Berlin (DE).

(74) **TAPPE, Hartmut**; Böck + Tappe Kollegen, Egloffsteinstrasse 7, D-97072 Würzburg (DE).

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

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(21) PCT/US97/18835

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(31) 08/729,142 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 23/60, H05K 9/00, H01R 13/703, 13/648 // G11B 5/40, 5/455, 5/48

(54) ELECTROSTATIC DISCHARGE PROTECTION DEVICE
APPAREIL DE PROTECTION CONTRE DES DECHARGES ELECTROSTATIQUES

(71) **POLAROID CORPORATION** [US/US]; 549 Technology Square, Cambridge, MA 02139-3589 (US).

(72) **CRONIN, David, V.**; 7 Hampshire Road, Peabody, MA 01960 (US). **JOHANSEN, Arnold, W.**; 226 Stow Road, Marlboro, MA 01960 (US).

(74) **STUTIUS, Wolfgang, E.**; Polaroid Corporation, 549 Technology Square, Cambridge, MA 02139-3589 (US).

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

(11) **WO 98/16955** (13) A1

(21) PCT/US97/17727

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 08/729,208 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 27/02

(54) THERMALLY ISOLATED INTEGRATED CIRCUIT
CIRCUIT INTEGRE THERMIQUEMENT ISOLE

(71) **HONEYWELL, INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **DRIES, Michael, F.**; 6830 Utica Terrace, Chanhassen, MN 55317 (US). **ROISEN, Roger, L.**; 3470 Tuxedo Road, Minnetrista, MN 55364 (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 98/16956** (13) A1

(21) PCT/US97/16231

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 08/734,467 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 41/08

(54) METHOD FOR FABRICATING FBARS ON GLASS SUBSTRATES
PROCEDE DE FABRICATION DE RESONATEURS D'ONDES ACOUSTIQUES A COUCHES MINCES SUR DES SUBSTRATS EN VERRE

(71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). **NOKIA MOBILE PHONES INC.** [US/US]; Suite 900, 6200 Courtney Campbell Causeway, Tampa, FL 33607 (US).

(72) **YLILAMMI, Markku**; Perasin 2A, FIN-02320 Espoo (FI). **PARTANEN, Meeri**; Kirstinmaki 15 D 83, FIN-02760 Espoo (FI).

(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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16957** (13) A1

(21) PCT/US97/16233

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 08/733,177 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01L 41/08

(54) A RESONATOR HAVING AN ACOUSTIC MIRROR
RESONATEUR POSSEDTANT UN MIROIR ACOUSTIQUE

(71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). **NOKIA MOBILE PHONES INC.** [US/US]; Suite 900, 6200 Courtney Campbell Causeway, Tampa, FL 33607 (US).

(72) **YLILAMMI, Markku**; Perasin 2A, FIN-02320 Espoo (FI). **PARTANEN, Meeri**; Kirstinmaki 15 D 83, FIN-02760 Espoo (FI).

(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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16958** (13) A1

(21) PCT/US97/18400

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/731,292 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 2/10, H02J 7/00, H04B 1/38, H04M 1/72

(54) RECHARGEABLE BATTERY ENABLING REDUCTION OF BATTERY OVERHEATING PROBABILITY DURING CHARGING
BATTERIE RECHARGEABLE DONT LA PROBABILITE DE SURCHAUFFE PENDANT LA CHARGE EST REDUITE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **LIU, Jiewen**; 110 Connors Circle, Cary, NC 27511 (US).

(74) **KAGEN, Alan, M.**; 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 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).

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(31) 08/732,537 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 2/26

(54) ROBUST TERMINAL FOR RECHARGEABLE PRISMATIC BATTERIES
BORNE ROBUSTE POUR BATTERIES PRISMATIQUES RECHARGEABLES

(71) **OVONIC BATTERY COMPANY, INC.** [US/US]; 1707 Northwood, Troy, MI 48084 (US).

(72) **VENKATESAN, Srinivasan**; 30115 Woodgate Drive, Southfield, MI 48076 (US). **LAMING, Kenneth**; 1905 Hessen Road, Columbus, MI 48063 (US). **HIGLEY, Lin**; 4791 Foxcroft, Troy, MI 48098 (US). **MARCHIO, Michael**; 44048 Utica Road, Utica, MI 48087 (US).

(74) **LUDDY, Marc, J.** et al. / etc.; Energy Conversion Devices, Inc., 1675 W. Maple Road, Troy, MI 48084 (US).

(81) AU BR CA DK FI JP KR MX NO RU SG UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16960** (13) A2

(21) PCT/US97/18839

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,342 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/028,341 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/028,278 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/053,876 (32) **28 Jul/juillet 1997** (33) US
(28.07.1997)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 6/00

(54) POLYMER ELECTROLYTE, INTERCALATION COMPOUNDS AND ELECTRODES FOR BATTERIES
ELECTROLYTE POLYMERES, COMPOSES D'INSERTION ET ELECTRODES POUR BATTERIES

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAYES, Anne, M.** [US/US]; 75 Trapelo Road, Waltham, MA 02154 (US). **CEDER, Gerbrand** [BE/US]; 24 Manor Avenue, Wellesley, MA 02181 (US). **CHLANG, Yet-Ming** [US/US]; 52 Lake Road, Framingham, MA 01701 (US). **SADOWAY, Donald, R.** [US/US]; 53 Vernon Road, Belmont, MA 02178 (US). **AYDINOL, Mehmet, K.** [TR/US]; Apartment 3, 103 Gore Street, Cambridge, MA 02141 (US). **SOO, Philip, P.** [US/US]; Apartment 14E3, 550 Memorial Drive, Cambridge, MA 02139 (US). **JANG, Young-Il** [KR/US]; Apartment 20F-1, 550 Memorial Drive, Cambridge, MA 02139 (US). **HUANG, Biying** [CN/US]; Apartment 3, 6 Alberta Terrace, Cambridge, MA 02140 (US).

(74) **OYER, Timothy, J.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT 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 98/16961** (13) A1

(21) PCT/GB97/02835

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 9621540.5 (32) **16 Oct/oct 1996** (33) GB
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 8/04, 8/06, 8/24

(54) AN ELECTRIC POWER GENERATION SYSTEM USING FUEL CELLS
SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE UTILISANT DES PILES A COMBUSTIBLE

(71) **BG PLC** [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELLOWS, Richard, Griffith** [GB/GB]; 77 Leopold Street, Loughborough, Leicestershire LE11 5DN (GB).

(74) **KINRADE, John**; BG plc, Intellectual Property Dept., 100 Thames Valley Park, Reading, Berkshire RG6 1PT (GB).

(81) CA JP 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 98/16962** (13) A1

(21) PCT/HU96/00085

(22) **28 Dec/déc 1996 (28.12.1996)**

(25) en (26) en

(31) P 96 02862 (32) **16 Oct/oct 1996** (33) HU
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 8/22, 6/50

(54) LAYOUT AND PROCEDURE OF CHARGING OF BATTERIES
DISPOSITIF ET PROCEDE DE CHARGE DE BATTERIES

(71, 72) **PINTZ, György** [HU/HU]; Logodi u. 57, H-1012 Budapest (HU). **ZSOMBÖK, György** [HU/HU]; Stefánia út 47, H-1143 Budapest (HU). **PACZOLAY, Kinga** [HU/HU]; Mészáros u. 10, H-1016 Budapest (HU).

(74) **PINTZ, György**; Logodi u. 57, H-1012 Budapest (HU).

(81) AU BG BR CN CZ EE IL IS LK LT LV MK MX NO NZ PL RO SG SI SK TR UA VN; AP (KE LS MW SD SZ UG); 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).

Published / Publiée : (a)

(11) **WO 98/16963** (13) A1

(21) PCT/US97/15750

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/731,588 (32) **16 Oct/oct 1996** (33) US
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 8/24, 8/10

(54) TUBULAR POLYMER ELECTROLYTE FUEL CELL ASSEMBLY AND METHOD OF MANUFACTURE
ENSEMBLE TUBULAIRE POLYMERES PILE A COMBUSTIBLE A ELECTROLYTE ET PROCEDE DE FABRICATION

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **STEYN, William, J.**; 53 Brookwood Parkway, Jackson, NJ 08527 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/16964** (13) A1

(21) PCT/US97/18849

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,394 (32) **15 Oct/oct 1996** (33) US
(15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01M 10/12, B65G 47/26

(54) APPARATUS FOR ASSEMBLING A BATTERY
APPAREIL POUR ASSEMBLAGE DE BATTERIE

(71) **FARMER MOLD & MACHINE WORKS, INC.** [US/US]; 3101 - 46th Avenue North, St. Petersburg, FL 33714 (US).

(72) **FARMER, John, E.**; 1099 - 31st Terrace Northeast, St. Petersburg, FL 33714 (US). **ERWIN, Randy, J.**; 6174 - 2nd Avenue South, St. Petersburg, FL 33707 (US).

(74) **FRIJOUF, Robert, F.**; Frijouf, Rust & Pyle, P.A., 201 East Davis Boulevard, Tampa, FL 33606 (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).

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(11) **WO 98/16965** (13) A1

(21) PCT/DE97/02293

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 42 673.1 (32) **16 Oct/oct 1996** (33) DE
(16.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01P 7/06, H05B 6/80, 6/70, B01J 19/12, C04B 35/64, C21D 1/34, C22B 9/22, F27D 23/00

(54) MICROWAVE OVEN AND COMPONENTS THEREFOR
FOUR A MICRO-ONDES ET ELEMENTS CONSTITUTIFS APPROPRIES

(71) **WIDIA GMBH** [DE/DE]; Münchener Strasse 90, D-45145 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÖNIG, Udo** [DE/DE]; Helgolandrings 31, D-45149 Essen (DE). **RÖDIGER, Klaus** [DE/DE]; Rathenaustrasse 43, D-44869 Bochum (DE).

(74) **VOMBERG, Friedhelm**; Schulstrasse 8, D-42653 Solingen (DE).

(81) BR CA CN CZ HU 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 98/16966** (13) A1

(21) PCT/US97/16894

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 731,346 (32) **11 Oct/oct 1996** (33) US
(11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01Q 1/38

(54) BROAD BAND DIPOLE ELEMENT AND ARRAY
GROUPEMENT ET ELEMENT A DIPOLE ET LARGE BANDE

(71) **AVNET, INC.** [US/US]; 80 Cutter Mill Road, Great Neck, NY 11021 (US).

(72) **COOK, Scott, J.**; 1701 Lisburn Court, Garner, NC 27529 (US). **VEZMAR, John, Michael**; 100 Samantha Drive, Garner, NC 27529 (US).

(74) **SWEEDLER, Michael, J.** et al. / etc.; Darby & Darby P.C., 805 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/16967** (13) A1

(21) PCT/US97/15337

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) en (26) en

(31) 08/813,930 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01Q 1/42

(54) SATELLITE DISH COVER
DISPOSITIF DE COUVERTURE D'ANTENNE PARABOLIQUE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **KELLY, David, Z.**; 55 Bristol Lane, Newark, DE 19711 (US). **RYAN, Michael, G.**; 141 Woodshade Drive, Newark, DE 19702 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) 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 98/16968** (13) A1

(21) PCT/US97/18623

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/732,035 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) 08/859,026 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01Q 1/42, E04B 2/00

(54) BUILDING ELEMENTS AND SUPPORT STRUCTURE FOR ENCLOSING AN ANTENNA
ELEMENTS DE CONSTRUCTION ET STRUCTURE DE SUPPORT PERMETTANT D'ENTOURER UNE ANTENNE

(71) **STEALTH NETWORK TECHNOLOGIES, INC.** [US/US]; 3270A Associate Drive, North Charleston, SC 29418 (US).

(72) **REINECK, Michael, J.**; 381 Muirfield Parkway, Charleston, SC 29413 (US). **WEDHOLM, Kenneth, M.**; 2318 McKee Court, Charleston, SC 29414 (US).

(74) **HARDAWAY, John, B., III** et al. / etc.; Hardaway Law Firm, P.A., P.O. Box 10107, Greenville, SC 29603 (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 98/16969** (13) A1

(21) PCT/EP97/05652

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 42 681.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01Q 21/00

(54) TRANSMITTER AND RECEIVER MODULE FOR A PHASE CONTROLLED ANTENNA
MODULE EMETTEUR/RECEPTEUR POUR ANTENNE A PHASE COMMANDEE

(71) **DAIMLER-BENZ AEROSPACE AG** [DE/DE]; D-81663 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DREHER, Helmut** [DE/DE]; Schiffweg 6, D-89079 Ulm (DE). **FELDLER, Heinz-Peter** [DE/DE]; Weihermähd 27, D-89250 Senden (DE). **HETTERICH, Rudolf** [DE/DE]; Brandweg 14, D-89195 Staig (DE). **SCHMIDT, Dieter** [DE/DE]; Spitzweg 13, D-89264 Weißenhorn (DE). **SCHWEIZER, Bernhard** [DE/DE]; Spielmannsgasse 12, D-89077 Ulm (DE).

(74) **FRÖHLING, Werner**; Daimler-Benz Aerospace AG, Patentabteilung, Wörthstrasse 85, D-89077 Ulm (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 98/16970** (13) A1

(21) PCT/US97/18591

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/028,859 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) Not furnished / non communiqué (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 4/24

(54) TERMINAL BLOCK
BORNIER

(71) **RELTEC CORPORATION** [US/US]; Suite 250, 5875 Landerbrook Drive, Mayfield Heights, OH 44124 (US).

(72) **BRADSHAW, Janet, A.**; 5409 Park Place, Flower Mound, TX 75028 (US). **DOMINIAC, Robert, M.**; 7517 South St. Louis, Chicago, IL 60652 (US). **HAINES, Wayne, G.**; 7134 Acre Estates, Toccoa, GA 30577 (US).

(74) **BLACKSTONE, Raiford, A., Jr.** et al. / etc.; 36th floor, 105 W. Adams Street, Chicago, IL 60603-6299 (US).

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

(11) **WO 98/16971** (13) A1

(21) PCT/US97/18563

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/729,436 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 9/07

(54) SUBMINIATURE MATCHED IMPEDANCE RF COAXIAL CONNECTOR
DISPOSITIF DE CONNEXION COAXIAL SUBMINIATURE A IMPEDANCE APPARIEE

(71) **ELCO CORPORATION** [US/US]; 801 17th Avenue South, Myrtle Beach, SC 29578 (US).

(72) **CLYATT, Clarence, L., III**; 11053 S. Santa Fe Lane, Goodyear, AZ 85338 (US).

(74) **KILLEN, Craig, N.** et al. / etc.; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

(81) CN DE GB JP KR SG.

(11) **WO 98/16972** (13) A1

(21) PCT/US97/18407

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/731,636 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 13/115

(54) ELECTRICAL TERMINAL
BORNE ELECTRIQUE

(71) **UNITED TECHNOLOGIES AUTOMOTIVE, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).

(72) **MCDONALD, John, J.**; 3057 S. 50W, Albion, IN 46701 (US). **COLANTUONO, Robert**; 2173 Lakeview Drive, Ypsilanti, MI 48198 (US). **HYDE, George, E.**; 3816 Eastway Drive, Fort Wayne, IN 46806 (US). **POGUE, Von, R.**; 510 W. Lamont Road, Huntington, IN 46750 (US).

(74) **DOIGAN, Lloyd, D.**; United Technologies Automotive, Inc., Legal Dept./Patent, 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).

(81) 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 98/16973** (13) A1

(21) PCT/US97/18513

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/728,709 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 13/24

(54) ELECTRICAL CONNECTOR ASSEMBLY
DISPOSITIF DE CONNEXION ELECTRIQUE

(71) **BOURNS, INC.** [US/US]; 1200 Columbia Avenue, Riverside, CA 92507 (US).

(72) **KWIAT, Karol**; 1452 Calle Hondonana, Thousand Oaks, CA 91360 (US). **SHEEHAN, John**; 10 Templehill Lawn, Ballintemple, Cork (IE). **BROWN, Ricky**; 1678 N. San Antonio, Pomona, CA 91767 (US). **DOYLE, Pat**; 21 Rose Lawn, Togher, Cork (IE).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres, LLP, Suite 700, 4199 Campus Drive, Irvine, CA 92612 (US).

(81) AU BG BR CA CN CZ HU IL JP KR NO NZ PL RO RU SG SK TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/16974** (13) A1

(21) PCT/US97/18405

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/730,533 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 13/436

(54) ELECTRICAL CONNECTOR
CONNECTEUR ELECTRIQUE

(71) **UNITED TECHNOLOGIES AUTOMOTIVE, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).

(72) **HOTRA, Zenon**; 2654 Fox Chase, Troy, MI 48098 (US). **HOOD, Brian, M.**; Apartment 101, 22805 North Nunneley, Clinton Township, MI 48036 (US).

(74) **DOIGAN, Lloyd, D.**; United Technologies Automotive, Inc., Legal Dept./Patent, 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).

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

(11) **WO 98/16975** (13) A1

(21) PCT/US97/18411

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/733,059 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 13/52

(54) SEALED ELECTRICAL CONNECTOR
CONNECTEUR ELECTRIQUE ETANCHE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **SELF, Daines, M., Jr.**; 5214 Millstone Road, Oak Ridge, NC 27310 (US). **TRULL, Michael, P.**; 4113 Primrose Path, Winston-Salem, NC 27127 (US).

(74) **KAPALKA, Robert, J.** 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16976** (13) A1

(21) PCT/US97/18583

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 60/028,531 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 23/68

(54) ELECTRONIC MODULE CONNECTOR HAVING A LOCKING COVER
CONNECTEUR POUR MODULE ELECTRONIQUE COMPORTANT UN COUVERCLE BLOCABLE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **HYLAND, James, H.**; 6 Mayapple Drive, Hummelstown, PA 17306 (US).

(74) **WOLSTONCROFT, Bruce, J.** 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/16977** (13) A1

(21) PCT/IB97/01251

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 9621497.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 23/70

(54) BOARD LOCK FOR ELECTRICAL CONNECTOR
VERROU DE CARTE POUR CONNECTEUR ELECTRIQUE

(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) **SOUISA, Cornelius, Frederik** [NL/NL]; Hopakker 6, NL-5262 ML Vught (NL).

(74) **NINA, Driscoll, A.** et al. / etc.; AMP International Enterprises Ltd., AMPèrestrasse 3, CH-9323 Steinach (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN 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 98/16978** (13) A1

(21) PCT/US97/18441

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/732,040 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 29/00, 3/00, 23/02

(54) SWITCHING JACK
JACK DE COMMUTATION

(71) **THE SIEMON COMPANY** [US/US]; 76 Westbury Park Road, Watertown, CT 06795 (US).

(72) **SIEMON, John, A.**; 87 Mountain Road, Woodbury, CT 06798 (US). **VIKLUND, Mark**; 2 Waramaug Lane, New Milford, CT 06776 (US).

(74) **FOX, David, A.**; Fishman, Dionne, Cantor & Colburn, 88 Day Hill Road, Windsor, CT 06095 (US).

(81) BR CN GB MX.

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(11) **WO 98/16979** (13) A1

(21) PCT/EP97/04970

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) de (26) de

(31) 196 42 138.1 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01R 39/04, 43/06

(54) METHOD FOR MANUFACTURING SWITCHES AND THE SWITCH MADE ACCORDING TO THIS METHOD
MODE DE FABRICATION DE COMMUTATEURS, ET COMMUTATEUR FABRIQUE SELON LE PROCEDE EN QUESTION

(71) **KIRKWOOD INDUSTRIES GMBH** [DE/DE]; Schießmauer 9, D-71083 Herrenberg (DE).
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(72, 75) **STOLPMANN, Helmut** [DE/DE]; Gerbersstrasse 6, D-78567 Fridingen (DE).

(74) **BARTELS U. PARTNER**; Lange Strasse 51, D-70174 Stuttgart (DE).

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

(11) **WO 98/16980** (13) A1

(21) PCT/US97/16167

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) 08/731,330 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H01S 3/30, 3/06, H04B 10/17

(54) MULTI-CHANNEL FIBER AMPLIFICATION SYSTEM AND ASSOCIATED METHOD
SYSTEME D'AMPLIFICATION PAR FIBRES A CANAUX MULTIPLES ET PROCEDE ASSOCIE

(63) US 08/731,330 (CON)
15 Oct/oct 1996 (15.10.1996)

(71) **McDONNELL DOUGLAS CORPORATION** [US/US]; P.O. Box 516, St. Louis, MO 63166-0516 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZEDIKER, Mark, Steven** [US/US]; 4002 Wane Way Court, Florissant, MO 63034 (US).
RICE, Robert, Rex [US/US]; 14738 Greenleaf Valley Drive, Chesterfield, MO 63017 (US).

(74) **ELDERKIN, Charles, B.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (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 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 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 98/16981** (13) A1

(21) PCT/FI97/00590

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) fi (26) en

(31) 964107 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FI

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02G 1/04

(54) METHOD AND APPARATUS FOR MOUNTING WIRES OF HIGH-VOLTAGE OPEN CABLES, ESPECIALLY OPTICAL GROUND WIRES, ON SUSPENDERS SET UP THEREFOR
PROCEDE ET APPAREIL POUR MONTER DES FILS DE CABLES HAUTE TENSION NUS, NOTAMMENT DES FILS OPTIQUES DE MISE A LA TERRE, SUR DES DISPOSITIFS DE SUSPENSION PREVUS A CET EFFET

(71) **OY ENVO AB** [FI/FI]; Viikintie 3, FIN-00560 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HORELLI, Jonko** [FI/FI]; Mannerheimintie 43 B A 26, FIN-00250 Helsinki (FI).

(74) **KAUSTE, Markku** et al. / etc.; Leitzinger Oy, Ruoholahdenkatu 8, FIN-00180 Helsinki (FI).

(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 GB GE GH 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 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 98/16982** (13) A1

(21) PCT/GB97/02795

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9621352.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02G 5/00

(54) A POWER DISTRIBUTION LINE
LIGNE DE DISTRIBUTION D'ENERGIE

(71) **TUNWELL TECHNOLOGY LTD.** [GB/GB]; 31 Commercial Road, London N18 1TB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIMMER, Philip, John** [GB/GB]; 60 Endlebury Road, Chingford, London E4 6QG (GB).

(74) **FRANKLAND, Nigel, H.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) BR 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 98/16983** (13) A1

(21) PCT/US97/19015

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/028,271 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02J 1/00, 1/10

(54) TIME MULTIPLEXING OF TRANSFORMER SECONDARY POWER WINDINGS
MULTIPLEXAGE TEMPOREL D'ENROULEMENTS SECONDAIRES DE TRANSFORMATEUR

(71) **QUADRANT ENGINEERING INC.** [US/US]; 10138 Commercial Court #112, Penn Valley, CA 95946 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOUTHAM, Gordon, R.** [US/US]; Apartment 30, 565 Whiting Street, Grass Valley, CA 95945 (US).
DWYER, Patrick, H. [US/US]; 17318 Piper Lane, Penn Valley, CA 95946 (US).

(74) **O'BANION, John, P.**; Gerber, Ritchey & O'Banion LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (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 LR LS LT LU LV MD MG MK MN MW 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 98/16984** (13) A1

(21) PCT/DE97/02270

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 42 596.4 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02J 3/18

(54) METHOD AND DEVICE FOR COMPENSATING REACTIVE CURRENT PORTIONS BY MEANS OF A COMPENSATION ARRANGEMENT WITH A PULSE CURRENT RECTIFIER
PROCEDE ET DISPOSITIF POUR COMPENSER LES COMPOSANTES DE COURANT REACTIF A L'AIDE D'UN DISPOSITIF DE COMPENSATION AVEC UN REDRESSEUR DE COURANT PULSE

(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) **WEINHOLD, Michael** [DE/DE]; Krähenhorst 21, D-91056 Erlangen (DE).
ZUROWSKI, Rainer [DE/DE]; Lange Gasse 26 a, D-91301 Forchheim (DE).
SONNENSCHNEIN, Martin [DE/DE]; Krämersdorf 2, D-45525 Hattingen (DE).

(81) AU BR CN JP NO 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 98/16985** (13) A1

(21) PCT/US97/18620

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/732,029 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02J 9/06

(54) UNINTERRUPTIBLE POWER SUPPLIES HAVING COOLED COMPONENTS
SYSTEMES D'ALIMENTATION ELECTRIQUE SANS COUPURE POURVUS DE COMPOSANTS REFOURDIS

(71) **AMERICAN SUPERCONDUCTOR CORPORATION** [US/US]; Two Technology Drive, Westborough, MA 01581 (US).

(72) **GOLD, Calman**; 11 Acropolis Avenue, Londonderry, NH 03053 (US).
GRAN, Richard, J.; 5 Smith Road, Northborough, MA 01532 (US).

(74) **PASTERNAK, Sam**; Choate, Hall & Stewart, 53 State Street, Exchange Place, Boston, MA 02109 (US).

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

(11) **WO 98/16986** (13) A1

(21) PCT/DE97/01837

(22) **23 Aug/Août 1997 (23.08.1997)**

(25) de (26) de

(31) 196 42 133.0 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02K 5/10, 5/22, 7/14, F04B 17/03

(54) MOTOR-PUMP ARRANGEMENT
SYSTEME MOTEUR-POMPES

(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) **HUBER, Martin** [DE/DE]; Langbuehdweg 3, D-77704 Oberkirch (DE).
BRAUN, Wilhelm [DE/DE]; Am Bierkeller 1, D-77815 Bühl (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 98/16987** (13) A1

(21) PCT/DE97/01838

(22) **23 Aug/Août 1997 (23.08.1997)**

(25) de (26) de

- (31) 196 42 132.2 (32) **12 Oct/oct 1996** (33) DE
(12.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02K 5/22
- (54) ELECTRIC MOTOR WITH ITS CONTACTING ARRANGEMENT
MOTEUR ELECTRIQUE ET SON DISPOSITIF DE MISE EN CONTACT
- (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) **TISCHER, Michael** [DE/DE]; Fechenwiesen 24, D-74232 Abstatt (DE). **HÜBER, Martin** [DE/DE]; Langbuenweg 3, D-77704 Oberkirch (DE). **BITZER, Harold** [DE/DE]; Schaezelstrasse 9a, D-77815 Buehl (DE). **BRAUN, Wilhelm** [DE/DE]; Am Bierkeller 1, D-77815 Buehl (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 98/16988** (13) A1
- (21) PCT/DE97/01841
- (22) **23 Aug/Août 1997 (23.08.1997)**
- (25) de (26) de
- (31) 196 42 134.9 (32) **12 Oct/oct 1996** (33) DE
(12.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02K 5/22
- (54) ELECTRIC MOTOR
MOTEUR ELECTRIQUE
- (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) **HÜBER, Martin** [DE/DE]; Langbuenweg 3, D-77704 Oberkirch (DE). **BRAUN, Wilhelm** [DE/DE]; Am Bierkeller 1, D-77815 Buehl (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 98/16989** (13) A1
- (21) PCT/JP97/03678
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) ja (26) ja
- (31) 8/271952 (32) **15 Oct/oct 1996** (33) JP
(15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02K 7/18
- (54) GENERATOR
GENERATEUR
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TADA, Masahiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). **IKEGAMI, Hirokazu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
- (74) **KAMBARA, Sadaaki**; Kambara & Associates, Saginuma Center Building, 2-6, Saginuma 3-chome, Miyamae-ku, Kawasaki-shi, Kanagawa-ken 216 (JP).
-
- (31) CN ID KR US VN.
-
- (11) **WO 98/16990** (13) A1
- (21) PCT/US97/16068
- (22) **11 Sep/sep 1997 (11.09.1997)**
- (25) en (26) en
- (31) 08/734,377 (32) **17 Oct/oct 1996** (33) US
(17.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02K 11/04, 19/36, H01L 25/11
- (54) LOW RESISTANCE CURRENT TRANSFER DEVICE FOR A CIRCUIT OF A BRUSHLESS EXCITER
DISPOSITIF DE TRANSFERT A BASSE RESISTANCE POUR CIRCUIT D'EXCITATEUR SANS BALAIS
- (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, 11 Stanwix Street, Pittsburgh, PA 15222 (US).
- (72) **RASINSKI, Michael, Joseph**; 930 Chokecherry Court, Winter Springs, FL 32708 (US). **ASHLEY, Robert, Ervin, III**; 878 Kingsbridge Drive, Oviedo, FL 32765 (US).
- (74) **DEPAUL, Louis, A.**; Westinghouse Electric Corporation, Law Dept., Westinghouse Building, 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).
- (81) CA CN JP KR MX PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/16991** (13) A1
- (21) PCT/EP97/05537
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) en (26) en
- (31) 96830518.5 (32) **11 Oct/oct 1996** (33) EP
(11.10.1996)
- (34) IT et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02M 1/00, 7/06, H05B 39/04
- (54) CIRCUIT FOR COMPLEMENTING AN AC MAINS VOLTAGE, PARTICULARLY FOR RESISTIVE LOADS
CIRCUIT PERMETTANT DE COMPLETER UNE TENSION DE SECTEUR, EN PARTICULIER POUR DES CHARGES RESISTIVES
- (71, 72) **FALACE, Lucio** [IT/IT]; Via Posillipo, 308, I-80123 Napoli (IT). **TORTORA, Rosario** [IT/IT]; Via del Lauro, 25, I-80062 Meta di Sorrento (IT).
- (74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milan (IT).
- (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 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 98/16992** (13) A1
- (21) PCT/SE97/01705
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 9603754-4 (32) **14 Oct/oct 1996** (33) SE
(14.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02M 5/451, H02J 3/16
- (54) ADJUSTABLE THREE-PHASE TRANSFORMER
TRANSFORMATEUR TRIPHASE REGLABLE
- (71) **ABB POWER SYSTEMS AB** [SE/SE]; P.O. Box 703, S-771 80 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EKSTRÖM, Åke** [SE/SE]; Råstengatan 1B, S-724 62 Västerås (SE).
- (74) **SVAHN, Stefan** et al. / etc.; Axel Ehner's Patentbyrå AB, P.O. Box 10316, S-100 55 Stockholm (SE).
- (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 98/16993** (13) A1
- (21) PCT/JP97/03605
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) ja (26) ja
- (31) 8/270351 (32) **11 Oct/oct 1996** (33) JP
(11.10.1996)
- (31) 9/151421 (32) **9 Jun/juin 1997** (33) JP
(09.06.1997)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02M 7/21
- (54) CONVERTER
CONVERTISSEUR
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IIDA, Masakazu** [JP/JP]; Daikin Industries, Ltd., Shiga-seisakusho, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525 (JP). **KAWASIMA, Reiji** [JP/JP]; Daikin Industries, Ltd., Shiga-seisakusho, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525 (JP).
- (74) **TSUGAWA, Tomoo**; Lions mansion Noe No. 1201, 7-7, Chuo 2-chome, Joto-ku, Osaka-shi, Osaka 536 (JP).
- (81) AU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/16994** (13) A1
- (21) PCT/DE97/02334
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) de (26) de
- (31) 196 42 522.0 (32) **15 Oct/oct 1996** (33) DE
(15.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H02M 7/48
- (54) INVERTER
ONDULEUR
- (71, 72) **KARSCHNY, Dietrich** [DE/DE]; Müllerloh 2, D-27797 Breiholz (DE).
- (74) **BIEHL, Christian**; Boehmert & Boehmert, Niemannsweg 133, D-24105 Kiel (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 98/16995** (13) A1

(21) PCT/EP97/05333

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 196 42 096.2 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE

(31) 197 05 672.5 (32) **14 Feb/fév 1997 (14.02.1997)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H02P 7/628, 7/01, 1/26

(54) OPERATING SYSTEM FOR A VACUUM PUMP DISPOSITIF D'ENTRAÎNEMENT DE POMPE A VIDE

(71) **LEYBOLD VAKUUM GMBH** [DE/DE]; Bonner Strasse 498, D-50968 Köln (DE).
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(72, 75) **BAHNEN, Rudolf** [DE/DE]; Roetgenbachstrasse 33, D-52159 Roetgen (DE). **KRESSE, Wolfgang** [DE/DE]; Salierring 39, D-50677 Köln (DE). **RONTHALER, Karl-Heinz** [DE/DE]; Neusser Strasse 15, D-53909 Zülpich (DE). **TEICHGRÄBER, Utz** [DE/DE]; Elchstrasse 7, D-32120 Hiddenhausen (DE).

(74) **LEINEWEBER, Jürgen**; Aggerstrasse 24, D-50859 Köln (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 98/16996** (13) A1

(21) PCT/US97/17951

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 08/729,611 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03D 1/04, H03K 5/02, H04B 1/10

(54) DECODER FOR A TRELLIS ENCODED SIGNAL CORRUPTED BY NTSC CO-CHANNEL INTERFERENCE AND WHITE NOISE
DECODEUR POUR SIGNAL CODE EN TRELLIS ALTERÉ PAR DES INTERFERENCES DANS UN MEME CANAL NTSC ET DU BRUIT BLANC

(71) **ZENITH ELECTRONICS CORPORATION** [US/US]; 1000 Milwaukee Avenue, Glenview, IL 60025-2493 (US).

(72) **WILLMING, David, A.**; 658 Charter Hall Drive, Palatine, IL 60067 (US).

(74) **CHRYSTAL, John, J.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (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).

Published / Publiée : (a)

(11) **WO 98/16997** (13) A1

(21) PCT/US97/14392

(22) **13 Aug/Août 1997 (13.08.1997)**

(25) en (26) en

(31) 08/730,045 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03F 3/68

(54) MULTI-STAGE HIGH EFFICIENCY LINEAR POWER AMPLIFIER
AMPLIFICATEUR DE PUISSANCE LINEAIRE DE HAUTE EFFICACITE A PLUSIEURS ETAGES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SIGMON, Bernard, Eugene**; 336 W. Brisa Drive, Gilbert, AZ 85233 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

(11) **WO 98/16998** (13) A1

(21) PCT/US97/15600

(22) **5 Sep/sep 1997 (05.09.1997)**

(25) en (26) en

(31) 08/728,717 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03F 3/68

(54) HYBRID MATRIX AMPLIFIER
ENSEMBLE AMPLIFICATEUR A MATRICES HYBRIDES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SCHIEMENZ, Arthur, Fred, Jr.**; 424 N. Bailey, Fort Worth, TX 76107 (US). **LUZ, Yuda, Yehuda**; 2309 Harrington Court, Euless, TX 76039 (US). **ANDERSON, Dale, Robert**; 6740 Mesa Drive, Fort Worth, TX 76180 (US). **JALLOUL, Louay, Adel**; 5600 N. Beach Street #226, Fort Worth, TX 76137 (US).

(74) **TERRY, L., Bruce** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street, MS/E230, Fort Worth, TX 76137 (US).

(81) AU BR CA CN DE FI GB IL JP KR RU SE.

(11) **WO 98/16999** (13) A1

(21) PCT/US97/19060

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/733,656 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03G 3/32

(54) AUTOMATIC VOLUME CONTROL TO COMPENSATE FOR AMBIENT NOISE VARIATIONS
COMMANDE DE VOLUME AUTOMATIQUE POUR COMPENSER LES VARIATIONS DU BRUIT AMBIANT

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **HELMS, Frank, P.**; 2204 Willow Way, Round Rock, TX 78664 (US).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (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 98/17000** (13) A1

(21) PCT/US97/18432

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/732,868 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03J 3/32

(54) TUNABLE FILTER WITH Q-MULTIPLICATION
FILTRE ACCORDABLE A MULTIPLICATION DE Q

(71) **ADC TELECOMMUNICATIONS, INC.** [US/US]; 4900 West 78th Street, Bloomington, MN 55435 (US).

(72) **MOSS, Ellsworth, R.**; 4907 Coyote Wells Circle, West Lake Village, CA 91362 (US).

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

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(11) **WO 98/17001** (13) A1

(21) PCT/US97/18401

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,491 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(31) 08/846,205 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H03K 17/97, H01H 36/00

(54) BALANCED MAGNETIC PROXIMITY SWITCH ASSEMBLY
ENSEMBLE COMMUTATEUR DE PROXIMITE EQUILIBRE ET A FONCTIONNEMENT MAGNETIQUE

(71, 72) **JACKSON, John, T., Jr.** [US/US]; Suite 745, 316 California Avenue, Reno, NE 89509 (US).

(74) **LINDEMAN, Jeffrey, A.**; Morgan, Lewis & Bockius, 1800 M 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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- (11) **WO 98/17002** (13) A1
 (21) PCT/FR97/01809
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) fr (26) fr
 (31) 96/12490 (32) **14 Oct/oct 1996 (14.10.1996)** (33) FR
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H03M 1/06, G01T 1/164
 (54) UNIT AND METHOD FOR ENCODING PHOTO-DETECTOR SIGNAL, WITH CORRECTION OF INPUT LEVEL, AND USE OF SUCH A UNIT FOR A GAMMA-CAMERA
 UNITE ET PROCEDE DE CODAGE DE SIGNAL DE PHOTODETECTEUR, A CORRECTION DE NIVEAU D'ENTREE, ET UTILISATION D'UNE TELLE UNITE POUR UNE GAMMA-CAMERA
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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- (72, 75) **CHAPUIS, Alain** [FR/FR]; 220, rue de la Balme, F-38950 Saint-Martin-le-Vinoux (FR).
JANIN, Claude [FR/FR]; 34, avenue Maréchal Randon, F-38000 Grenoble (FR).
MESTAIS, Corinne [FR/FR]; 140, route de Montabon, F-38660 La Terrasse (FR).
- (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
- (81) CA IL JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/17003** (13) A2
 (21) PCT/IB97/01076
 (22) **8 Sep/sep 1997 (08.09.1997)**
 (25) en (26) en
 (31) 96202881.7 (32) **16 Oct/oct 1996 (16.10.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H03M 1/10
 (54) TESTING CONTROL SIGNALS IN A/D CONVERTERS
 ESSAI DE SIGNAUX DE COMMANDE DANS DES CONVERTISSEURS A/N
- (71) **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) **SACHDEV, Manoj**; 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 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 98/17004** (13) A1
 (21) PCT/US97/17662
 (22) **30 Sep/sep 1997 (30.09.1997)**
 (25) en (26) en
 (31) 08/730,592 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H03M 1/68, 1/78
 (54) DIGITAL-TO-ANALOG CONVERTER WITH DUAL RESISTOR STRING
 CONVERTISSEUR NUMERIQUE/ANALOGIQUE A DOUBLE CHAINE DE RESISTANCES
- (71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).
- (72) **RIVOIR, Roberto**; Via Giovene, 49, I-70124 Bari (IT).
MALOBERTI, Franco; Villaggio del Pioppi, 14, I-27020 Torre d'Isola (IT).
TORELLI, Guido, P.; Via Cadorna, 4, I-27016 Sant'Allesio con Vialone (IT).
- (74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).
- (81) CN DE GB JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (b)
-
- (11) **WO 98/17005** (13) A1
 (21) PCT/JP97/03632
 (22) **9 Oct/oct 1997 (09.10.1997)**
 (25) ja (26) ja
 (31) 8/291171 (32) **13 Oct/oct 1996 (13.10.1996)** (33) JP
 (31) 8/314306 (32) **10 Nov/nov 1996 (10.11.1996)** (33) JP
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H03M 7/14
 (54) METHOD AND CIRCUIT FOR DIGITAL MODULATION AND METHOD AND CIRCUIT FOR DIGITAL DEMODULATION
 PROCEDE ET CIRCUIT DE MODULATION NUMERIQUE ET PROCEDE ET CIRCUIT DE DEMODULATION NUMERIQUE
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570 (JP).
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- (72, 75) **KUNISA, Akiomi** [JP/JP]; 2-20-1-314, Chuo, Kasukabe-shi, Saitama 344 (JP).
ITOH, Nobuo [JP/JP]; 3-29-5, Chikusa, Chikusa-ku, Nagoya-shi, Aichi 464 (JP).
TAKAHASHI, Seiichi [JP/JP]; 4-13-12, Noritake-naka, Gifu-shi, Gifu 502 (JP).
- (74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Building, 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/17006** (13) A1
 (21) PCT/US97/17241
 (22) **25 Sep/sep 1997 (25.09.1997)**
 (25) en (26) en
 (31) 08/730,546 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H03M 13/00, G01N 33/48, 35/00
 (54) INTERLEAVED DATA COMMUNICATIONS SYSTEM FOR CONTROLLING MULTIPLE CENTRIFUGES
 SYSTEME DE COMMUNICATIONS DE DONNEES ENCHEVETREES, DESTINE A LA COMMANDE DE PLUSIEURS CENTRIFUGEUSES
- (71) **SORVALL PRODUCTS, L.P.** [US/US]; 31 Peck's Lane, Newtown, CT 06470-2337 (US).
- (72) **BOSSE, Steven, D.**; 2 Old Canton Road, Canton, CT 06019 (US).
- (74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Rugiero and Perle, One Landmark Square, Suite 903, Stamford, CT 06901 (US).
- (81) DE 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 98/17007** (13) A2
 (21) PCT/US97/16671
 (22) **24 Sep/sep 1997 (24.09.1997)**
 (25) en (26) en
 (31) 08/732,142 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04B
 (54) METHOD AND SYSTEM OF LOAD SHARING AND PRIORITIZATION OF RADIO REPEATERS
 PROCEDE ET DISPOSITIF DE GESTION DES PRIORITES DE PARTAGE DE CHARGE DE REPETEURS RADIO
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **LA FRATTA, Laurence, A.**; 114 Woodbourne Drive, Lynchburg, VA 24502 (US).
PRIEST, Mark, D.; Route 4, Box 383, Rustburg, VA 24558 (US).
- (74) **GRUDZIECKI, Ronald, L.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/17008** (13) A1
 (21) PCT/EP97/05414
 (22) **1 Oct/oct 1997 (01.10.1997)**
 (25) de (26) de
 (31) 196 42 149.7 (32) **12 Oct/oct 1996 (12.10.1996)** (33) DE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04B 1/10, 10/158, H03G 3/30
 (54) DATA TRANSMISSION EQUIPMENT
 SYSTEME DE TRANSMISSION DE DONNEES
- (71) **TEMIC TELEFUNKEN MICROELECTRONIC GMBH** [DE/DE]; Theresienstrasse 2, D-74072 Heilbronn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLATZ, Werner** [DE/DE]; Kleine Hohle 10/6, D-74211 Leingarten (DE).

(74) **MAUTE, Hans-Jürgen**; Temic Telefunken microelectronic GmbH, Theresienstrasse 2, D-74072 Heilbronn (DE).

(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 98/17009** (13) A1

(21) PCT/DE97/02342

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 42 524.7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 1/20, 1/38, H04M 1/72, G11B 31/00

(54) RADIO RECEIVER WITH A RECORDING UNIT
RECEPTEUR RADIO COMPRENANT UNE
UNITE D'ENREGISTREMENT

(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) **MENZEL, Thomas** [DE/DE]; Hopfenkamp 19, D-31188 Holle (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 98/17010** (13) A2

(21) PCT/SE97/01698

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9603730-4 (32) **11 Oct/oct 1996 (11.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 1/26, H03J 5/24

(54) MULTIPLE BAND RECEIVER
RECEPTEUR MULTIBANDE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **BLOM, Thomas**; Tistelvägen 26, S-191 62 Solentuna (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17011** (13) A1

(21) PCT/DE97/02174

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) de (26) de

(31) 196 42 452.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 1/38

(54) RADIO RECEIVER
RECEPTEUR RADIO

(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) **MICHALLEK, Norbert** [DE/DE]; Waldstrasse 4, D-31174 Schellerten (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 98/17012** (13) A1

(21) PCT/US97/17542

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/730,670 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 1/40

(54) DUAL-MODE RADIOTELEPHONE APPARATUS FOR DIGITAL OR ANALOG MODULATION
DISPOSITIF DE RADIOTELEPHONE BIMODE POUR MODULATION NUMERIQUE OU ANALOGIQUE

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **DENT, Paul, W.**; 637 Eaglepoint Road, Pittsboro, NC 27312 (US).

(74) **GRUDZIECKI, Ronald, L.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/17013** (13) A1

(21) PCT/FR97/01824

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) fr (26) fr

(31) 96/12562 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 3/54, H02J 13/00

(54) INTERFACE DEVICE OF BI-DIRECTIONAL CONNECTION OF CURRENTS CARRYING LOW VOLTAGE/RADIOFREQUENCY
DISPOSITIF D'INTERFAÇAGE D'UNE LIAISON BIDIRECTIONNELLE COURANTS PORTEURS BASSE TENSION/RADIOFREQUENCE

(71) **ELECTRICITE DE FRANCE (SERVICE NATIONAL)** [FR/FR]; 2, rue Louis Murat, F-75008 Paris (FR).
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(72, 75) **CHAFFANJON, Daniel** [FR/FR]; 18, rue Molière, F-91230 Montgeron (FR).

(74) **FRECHEDE, Michel** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) NO 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 98/17014** (13) A1

(21) PCT/DE97/02187

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) de (26) de

(31) 196 42 568.9 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 5/00, G06K 19/07, 7/08

(54) DATA-TRANSMISSION CIRCUIT WITH A STATION AND A RESPONSE CIRCUIT
CIRCUIT DE TRANSMISSION DE DONNEES COMPORTANT UNE STATION ET UN CIRCUIT DE REPONSE

(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) **REINER, Robert** [DE/DE]; Pappelstrasse 18, D-85579 Neubiberg (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).

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(11) **WO 98/17015** (13) A1

(21) PCT/US97/17099

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/732,567 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04B 7/00

(54) METHOD AND APPARATUS FOR OVERLAYING AN INBOUND CHANNEL ON AN OUTBOUND SYSTEM
PROCEDE ET DISPOSITIF DE SURIMPRESION D'UN CANAL D'ARRIVEE SUR UN SYSTEME DE SORTIE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SOUISSI, Slim**; 5701 Sandshell Drive #2006, Fort Worth, TX 76137 (US). **HILL, Casey**; 35 Troon Court, Trophy Club, TX 76137 (US). **DORENBOSCH, Jheroen, P.**; Route 1 Box 79F, Paradise, TX 76073 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street, Fort Worth, TX 76137 (US).

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

(11) **WO 98/17016** (13) A1

(21) PCT/SE97/01702

(22) **10 Oct/oct 1997 (10.10.1997)**

- (25) en (26) en (31) 9603829-4 (32) **17 Oct/oct 1996** (33) SE
(17.10.1996) PROCEDE ADAPTATIF D'ATTRIBUTION DES CANAUX DANS UN SYSTEME DE TELECOMMUNICATION CELLULAIRE SANS FILS
- (31) 08/730,360 (32) **15 Oct/oct 1996** (33) US
(15.10.1996) (43) 23 Apr/avr 1998 (23.04.1998) (63) US 08/729,387 (CON)
11 Oct/oct 1996 (11.10.1996)
- (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ H04B 7/26 (71) **ARRAYCOMM, INC.** [US/US]; 3141 Zanker Road, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (51)⁶ H04B 7/26 (72, 75) **YUN, Louis, C.** [CA/US]; Apartment A, 2210 Rock Street, Mountain View, CA 94303 (US).
BARRAT, Craig, H. [AU/US]; 1060 Lakeview Way, Redwood City, CA 94062 (US).
UHLIK, Christopher [US/US]; 1300 Mt. Shasta Avenue, Milpitas, CA 95035-0639 (US).
- (54) RADIOCOMMUNICATION SYSTEMS AND TERMINALS WITH INCREASED PAYLOAD BANDWIDTH SYSTEMES ET TERMINAUX DE RADIOCOMMUNICATION AYANT UNE LARGEUR DE BANDE DE DONNEES UTILES ACCRUE (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). (74) **WOODWARD, Henry, K.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (72) **RAITH, Alex, Krister**; Park Ridge Road 805 A5, Durham, NC 27713 (US). **RAGSDALE, James**; 1408 Chetsworth Lane, Raleigh, NC 27614 (US). **DIACHINA, John**; 505 Kristin Drive, Garner, NC 27529 (US). (74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE). (72) **ÅKERBERG, Dag, E.son**; Ekhammarsvägen 23, S-196 31 Kungsängen (SE). (74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/17017** (13) A1 (21) PCT/SE97/01703 (22) **10 Oct/oct 1997 (10.10.1997)** (25) en (26) en (31) 08/725,643 (32) **15 Oct/oct 1996** (33) US
(15.10.1996) (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ H04B 7/26 (54) MULTI-RATE RADIOCOMMUNICATION SYSTEMS AND TERMINALS SYSTEMES ET TERMINAUX DE RADIOCOMMUNICATION A DEBIT MULTIPLE (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). (72) **RAITH, Alex, Krister**; Park Ridge Road, 805 A5, Durham, NC 27713 (US). **RAGSDALE, James**; 1408 Chetsworth Lane, Raleigh, NC 27614 (US). **DIACHINA, John**; 505 Kristin Drive, Garner, NC 27529 (US). (74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/17019** (13) A2 (21) PCT/DE97/02368 (22) **10 Oct/oct 1997 (10.10.1997)** (25) de (26) de (31) 196 43 578.1 (32) **11 Oct/oct 1996** (33) DE
(11.10.1996) (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ H04B 17/00, H04Q 7/34 (54) TEST METHOD FOR A MOBILE RECEIVER METHODE D'ESSAI POUR UN RECEPTEUR MOBILE (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). (72) **ERNST, Horst**; Tuckermannstrasse 5, D-38118 Braunschweig (DE). **BRAUNER, Peter**; Zur Schanze 9, D-38300 Wolfenbüttel (DE). **LODER, Max**; Bruggenmattweg 12, CH-8906 Bonstetten (CH). (81) PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/17020** (13) A1 (21) PCT/US97/18612 (22) **10 Oct/oct 1997 (10.10.1997)** (25) en (26) en (31) 08/729,387 (32) **11 Oct/oct 1996** (33) US
(11.10.1996) (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ H04B 17/00 (54) AN ADAPTIVE METHOD FOR CHANNEL ASSIGNMENT IN A CELLULAR COMMUNICATION SYSTEM
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- (11) **WO 98/17021** (13) A2 (21) PCT/SE97/01701 (22) **10 Oct/oct 1997 (10.10.1997)** (25) en (26) en (31) 08/725,640 (32) **15 Oct/oct 1996** (33) US
(15.10.1996) (43) 23 Apr/avr 1998 (23.04.1998) (51)⁶ H04G, H04B (54) APPARATUS AND METHODS FOR SIGNAL STRENGTH MEASUREMENT IN A WIRELESS COMMUNICATION SYSTEM APPAREILS ET PROCEDES DESTINES A MESURER L'INTENSITE D'UN SIGNAL DANS UN SYSTEME DE COMMUNICATION SANS FIL (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). (72) **RAITH, Alex, Krister**; Park Ridge Road, 805 A5, Durham, NC 27713 (US). (74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
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- (11) **WO 98/17022** (13) A2 (21) PCT/US97/18219 (22) **9 Oct/oct 1997 (09.10.1997)** (25) en (26) en (31) 08/731,244 (32) **11 Oct/oct 1996** (33) US
(11.10.1996) (43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04H

(54) APPARATUS AND METHOD FOR REUSING SATELLITE BROADCAST SPECTRUM FOR TERRESTRIALLY BROADCAST SIGNALS
SYSTEME ET PROCEDE DE REUTILISATION DU SPECTRE D'EMISSION PAR SATELLITE POUR DES SIGNAUX DE RADIODIFFUSION TERRESTRE

(71) **DIVERSIFIED COMMUNICATION ENGINEERING, INC.** [US/US]; Suite 2530, 111 Congress Avenue, Austin, TX 78701 (US).

(72) **TAWIL, Carmen**; Suite 2530, 111 Congress Avenue, Austin, TX 78701 (US). **TAWIL, Saleem**; Suite 2530, 111 Congress Avenue, Austin, TX 78701 (US).

(74) **CULBERTSON, Russell, D.** et al. / etc.; Shaffer & Culbertson, Building One, Suite 360, 1250 Capital of Texas Highway S., Austin, TX 78746 (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 98/17023** (13) A2

(21) PCT/DE97/01935

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) de (26) de

(31) 196 42 633.2 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04H 3/00

(54) METHOD OF DETERMINING RECEIVER LOCATIONS IN A COMMON WAVE NETWORK
PROCEDE POUR DETERMINER LES POSITIONS D'UN RECEPTEUR DANS UN RESEAU A FREQUENCE COMMUNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

(72) **SCHNEIDERS, Peter**; Schillerstrasse 11, D-31139 Hildesheim (DE). **LAUTERBACH, Thomas**; Am Propstehof 69, D-31139 Hildesheim (DE).

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

(11) **WO 98/17024** (13) A1

(21) PCT/US97/19018

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 60/027,938 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(31) 60/028,369 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04J 1/16, 3/06, 3/22, 3/24, H04Q 11/04

(54) APPARATUS AND METHOD FOR ANALYZING BITSTREAMS
APPAREIL ET PROCEDE D'ANALYSE DE TRAINS BINAIRES

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN-5300, Princeton, NJ 08543-5300 (US).

(72) **DIETERICH, Charles, Benjamin**; 7 Euclid Avenue, Kingston, NJ 08528 (US). **JONSSON, Ragnar, Hlynur**; Bogabraut 24, 15-545 Skagastrond (IS).

(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 98/17025** (13) A1

(21) PCT/FR97/01813

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) fr (26) fr

(31) 96/12437 (32) **11 Oct/oct 1996 (11.10.1996)** (33) FR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04L 5/14, B60R 16/02

(54) SIMULTANEOUS BI-DIRECTIONAL COMMUNICATION SYSTEM BETWEEN TWO ELECTRIC OR ELECTRONIC MEMBERS OF A MOTOR VEHICLE, AND MEMBER EQUIPPED WITH CORRESPONDING MEANS
SYSTEME DE COMMUNICATION BIDIRECTIONNELLE SIMULTANEE ENTRE DEUX ORGANES ELECTRIQUES OU ELECTRONIQUES D'UN VEHICULE AUTOMOBILE, ET ORGANE EQUIPE DES MOYENS CORRESPONDANTS

(71) **VALEO EQUIPEMENTS ELECTRIQUES MO-TEUR** [FR/FR]; 2, rue André Bouille, F-94000 Créteil (FR).
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(72, 75) **PIERRET, Jean-Marie** [FR/FR]; 24, rue Sibuet, F-75012 Paris (FR). **BRANDY, Frédéric** [FR/FR]; 12, rue Pierre Curie, F-94270 Le Kremlin Bicêtre (FR). **BOUCHERON, Jean-Louis** [FR/FR]; 6, hameau de Rougeau, F-77176 Savigny-le-Temple (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 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 98/17026** (13) A2

(21) PCT/FI97/00624

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) fi (26) en

(31) 964161 (32) **16 Oct/oct 1996 (16.10.1996)** (33) FI

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04L 7/02

(54) METHOD AND ARRANGEMENT FOR CALCULATING CORRELATION
PROCEDE ET DISPOSITIF DE CALCUL DE CORRELATION

(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) **SIIRTOLA, Jouni** [FI/FI]; Litukankatu 6 A 1, FIN-33500 Tampere (FI). **VÄÄTÄJÄ, Heli** [FI/FI]; Louhikonkuja 6, FIN-33730 Tampere (FI).

(74) **PATENTTI-OIMISTO TEKNOPOUS 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/17027** (13) A2

(21) PCT/DE97/02284

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 196 42 371.6 (32) **14 Oct/oct 1996 (14.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04L 9/00

(54) METHOD OF EXCHANGING CRYPTOGRAPHIC KEY MATERIAL BETWEEN A FIRST COMPUTER UNIT AND A SECOND COMPUTER UNIT
PROCEDE PERMETTANT D'ECHANGER UN MATERIAU CRYPTOGRAPHIQUE ENTRE UNE PREMIERE ET UNE SECONDE UNITE INFORMATIQUE

(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) **HOFFMANN, Gerhard** [DE/DE]; Gozbertstrasse 8/II, D-81547 München (DE). **LUKAS, Klaus** [DE/DE]; Niemöllerallee 6, D-81793 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 98/17028** (13) A1

(21) PCT/US97/16351

(22) **19 Sep/sep 1997 (19.09.1997)**

(25) en (26) en

(31) 08/731,465 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04L 9/12, H04B 7/212

(54) USE OF DUPLEX CIPHER ALGORITHMS FOR SATELLITE CHANNELS WITH DELAY
UTILISATION D'ALGORITHMES DE CHIFFREMENT DUPLEX POUR VOIES DE SATELLITES PRESENTANT UN RETARD

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **DENT, Paul, W.**; 637 Eagle Point Road, Pittsboro, NC 27312 (US).

(74) **GRUDZIECKI, Ronald, L.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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- (11) **WO 98/17029** (13) A1
 (21) PCT/SE97/01713
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 9603825-2 (32) **17 Oct/oct 1996 (17.10.1996)** (33) SE
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 9/32, G06F 17/30, H04K 1/00
 (54) TRANSFER OF SIGNED AND ENCRYPTED INFORMATION
 TRANSFERT D'INFORMATIONS SIGNEES ET CRYPTÉES
 (71) **TELIA AB** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).
 (72) **SVENSSON, Claes**; Folkungagatan 16 A, S-753 36 Uppsala (SE). **SVENSSON, Anders**; Flogstavvägen 41 B, S-752 73 Uppsala (SE).
 (74) **MAYER, Till**; Telia Research AB, Rudsjöterrassen 2, S-136 80 Haninge (SE).
 (81) NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/17030** (13) A1
 (21) PCT/US97/18587
 (22) **13 Oct/oct 1997 (13.10.1997)**
 (25) en (26) en
 (31) 08/720,984 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/26
 (54) TRANSMITTING DEVICE WITH MOBILITY MANAGER AND METHOD OF COMMUNICATING
 DISPOSITIF EMETTEUR A GESTIONNAIRE DE MOBILITE, ET PROCEDE DE COMMUNICATION
 (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
 (72) **PEARCE, Michael, David**; 1223 Berkshire Lane, Barrington, IL 60010 (US). **ZURCHER, Rodd, Bryan**; 1749 Eastwood Court #10, Schaumburg, IL 60195 (US). **OBERLANDER, Lewis, B.**; 1418 Rose Boulevard, Buffalo Grove, IL 60089 (US).
 (74) **WOOD, J., Ray** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
 (81) CA CN 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 98/17031** (13) A2
 (21) PCT/IB97/01272
 (22) **13 Oct/oct 1997 (13.10.1997)**
 (25) en (26) en
 (31) 08/735,276 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/28
 (54) A METHOD FOR CONFIGURING AND ROUTING DATA WITHIN A WIRELESS MULTIHOP NETWORK AND A WIRELESS NETWORK FOR IMPLEMENTING THE SAME

- PROCEDE DE CONFIGURATION ET D'ACHEMINEMENT DE DONNEES DANS UN RESEAU SANS FIL A PLUSIEURS BONDS ET RESEAU SANS FIL DESTINE A SA MISE EN OEUVRE
 (71) **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) **MELNIK, George, A.**; 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).

(11) **WO 98/17032** (13) A1

- (21) PCT/US97/16302
 (22) **16 Sep/sep 1997 (16.09.1997)**
 (25) en (26) en
 (31) 08/729,207 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/28, H04Q 7/22
 (54) CAPABILITY ADDRESSABLE NETWORK AND METHOD THEREFOR
 RESEAU ADRESSABLE PAR CAPACITES ET PROCEDE CORRESPONDANT
 (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
 (72) **BORGSTAHL, Ronald, W.**; 14625 S. 25th Way, Phoenix, AZ 85048 (US). **HARRIS, Jeffrey, Martin**; 2722 W. Jasper Drive, Chandler, AZ 85224 (US). **WOODWARD, Ernest, Earl**; 2730 W. Kent Drive, Chandler, AZ 85224 (US). **LEEPER, David, G.**; 8603 E. Corrine, Scottsdale, AZ 85260 (US).
 (74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola Inc., Intellectual Property Dept., P.O. Box 10219, Scottsdale, AZ 85271-0219 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/17033** (13) A1

- (21) PCT/US97/18750
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 60/028,651 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
 (31) 60/031,249 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/28
 (54) DEVICE INTEROPERABILITY

INTEROPERABILITE DE DISPOSITIFS

- (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HORLANDER, Karl, Francis** [US/US]; 2713 Grassy Creek Court, Indianapolis, IN 46229 (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 ID IL IS JP KE KG KP KR KZ 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 98/17034** (13) A1

- (21) PCT/GB97/02802
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 9621248.5 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/56, H04Q 11/04
 (54) SWITCHING SYSTEM
 SYSTEME DE COMMUTATION
 (71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; 20 Trumpington Street, Cambridge CB2 1QA (GB). **CSIR** [ZA/ZA]; Meiring Naude Street, Scientia, Brummeria, Pretoria 1084 (ZA).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LESLIE, Ian, Malcolm** [GB/GB]; 100 Commercial End, Swaffham Bulbeck, Cambridge CB5 0NE (GB). **VAN DER MERWE, Jacobus, Erasmus** [ZA/GB]; 36 Northampton Street, Cambridge CB3 0AD (GB).
 (74) **CALDERBANK, T., Roger** et al. / etc.; 23 Kingsway, Mewburn Ellis, York House, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/17035** (13) A1

- (21) PCT/US97/19079
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) en (26) en
 (31) 08/733,025 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H04L 12/64, 12/403
 (54) SYSTEM AND METHOD FOR INTERNETWORKING DEVICES
 SYSTEME ET PROCEDE POUR INTERCONNECTER DES APPAREILS EN RESEAU

- (71, 72) **DAVISON, Ian, R.** [GB/US]; 7 Powers Road, Andover, MA 01810 (US). **JONES, Ken, D.** [US/US]; 7 Noyes Lane, Atkinson, NH 03811 (US).
- (74) **LANZA, John, D.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, 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 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).

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- (25) en (26) en
- (31) 196 42 034.2 (32) **11 Oct/oct 1996 (11.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04L 25/02, 12/40
- (54) ELECTRICAL DATA COMMUNICATIONS EQUIPMENT
EQUIPEMENT ELECTRIQUE DE COMMUNICATION DE DONNEES
- (71) **W.L. GORE & ASSOCIATES GMBH** [DE/DE]; Hermann-Oberth-Strasse 22, D-85640 Putzbrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLSSON, Stellan** [SE/DE]; Eichendorf Strasse 146, D-91781 Weissenburg (DE).
- (74) **HARRISON, Robert**; W.L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, D-85640 Putzbrunn (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 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).

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- (11) **WO 98/17037** (13) A1
- (21) PCT/US97/18745
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 08/729,390 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04L 27/22
- (54) METHOD AND APPARATUS FOR DECISION DIRECTED DEMODULATION USING ANTENNA ARRAYS AND SPATIAL PROCESSING
PROCEDE ET APPAREIL DE DEMODULATION COMMANDEE PAR DECISION UTILISANT DES RESEAUX D'ANTENNES ET UN TRAITEMENT SPATIAL
- (63) US 08/729,390 (CON)
11 Oct/oct 1996 (11.10.1996)

- (71) **ARRAYCOMM, INC.** [US/US]; 3141 Zanker Road, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARRATT, Craig** [AU/US]; 1060 Lakeview Way, Redwood City, CA 94062 (US). **FARZANEH, Farhad** [IR/US]; 3642 20th Street, San Francisco, CA 94110 (US). **PARISH, David, M.** [US/US]; 1624 Alexander Way, Los Altos, CA 94024 (US).
- (74) **WOODWARD, Henry, K.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/17038** (13) A1
- (21) PCT/US97/17829
- (22) **6 Oct/oct 1997 (06.10.1997)**
- (25) en (26) en
- (31) 9621250.1 (32) **11 Oct/oct 1996 (11.10.1996)** (33) GB
- (31) 08/805,198 (32) **27 Feb/fév 1997 (27.02.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04L 27/38
- (54) RECEIVER SIGNAL PROCESSING SYSTEM FOR CAP SIGNALS
SYSTEME DE TRAITEMENT DE SIGNAUX POUR RECEPTEUR, DESTINE A TRAITER DES SIGNAUX CAP
- (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
- (72) **KNUTSON, Paul, Gothard**; 148 South Emerson Avenue, Indianapolis, IN 46219 (US). **STEWART, John, Sidney**; 3655 West 71st Street, Indianapolis, IN 46268 (US). **RAMASWAMY, Kumar**; 9417 College Drive No. B, Indianapolis, IN 46240 (US).

- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE and 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 ID IL IS JP KE KG KP KR KZ 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; 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 98/17039** (13) A1

(21) PCT/SE97/01644

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 9603753-6 (32) **14 Oct/oct 1996 (14.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04L 29/02, 12/56, G06F 17/30

- (54) INTERNET COMMUNICATION SYSTEM
SYSTEME DE COMMUNICATION SUR L'INTERNET
- (71) **MIRROR IMAGE INTERNET AB** [SE/SE]; P.O. Box 1043, S-101 38 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDBO, Sverker** [SE/SE]; Björkliden 16, S-187 41 Täby (SE). **LÖTHBERG, Peter** [SE/SE]; Reijmersholmsgatan 29, S-117 40 Stockholm (SE). **VIXIE, Paul** [US/US]; 11400 La Honda Road, Star Route Box 159 A, Woodside, CA 94062 (US).

- (74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) 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 98/17040** (13) A1
- (21) PCT/DE97/02448
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) de (26) de
- (31) 196 44 703.8 (32) **16 Oct/oct 1996 (16.10.1996)** (33) DE
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04L 29/06, G06F 17/30, G01C 21/20, G08G 1/127
- (54) METHOD AND DEVICE FOR DATA TRANSMISSION BETWEEN A CENTRAL UNIT AND A DATA TERMINAL EQUIPMENT
PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES ENTRE UNE UNITE CENTRALE ET UN EQUIPEMENT DE TRAITEMENT DE L'INFORMATION
- (71) **MANNESMANN AG** [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **GILL, Thorsten** [DE/DE]; Kleine Hammerstrasse 55, D-45326 Essen (DE). **KOLB, Ralf** [DE/DE]; Hardt 10, D-47877 Willich (DE). **SCHULZ, Werner** [DE/DE]; Aretzstrasse 10e, D-40670 Meerbusch (DE). **MEYER, Derk** [DE/DE]; Hermann-Dornscheidt-Strasse 26, D-40470 Düsseldorf (DE).

- (74) **MEISSNER, Peter, E.** et al. / etc.; Hohenzollern-damm 89, D-14199 Berlin (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 98/17041** (13) A2

(21) PCT/IB97/01455

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 60/028,405 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US(31) 60/048,064 (32) **30 May/mai 1997 (30.05.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M

(54) FASCIMILE TO E-MAIL COMMUNICATION SYSTEM WITH LOCAL INTERFACE
SYSTEME DE COMMUNICATION DE TELECOPIE A COURRIER ELECTRONIQUE A INTERFACE LOCALE

(71) **E-MATE ENTERPRISES, LLC** [US/US]; P.O. Box 680426, Marietta, GA 30068-0008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLOOMFIELD, Mark, C.** [US/US]; 3318 Sully Circle, Marietta, GA 30067 (US).

(74) **ISAF, Louis, T.**; P.O. Box 720601, Atlanta, GA 30358-2601 (US).

(81) AL AT AU BB BG BR CA CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL PT RO RU SG SI SK TJ TR TT UA US UZ VN; 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 98/17042** (13) A2

(21) PCT/IL97/00329

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 119430 (32) **15 Oct/oct 1996 (15.10.1996)** (33) IL

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M

(54) ELECTRONIC MAIL METHOD
PROCEDE RELATIF AU COURRIER ELECTRONIQUE

(71, 72) **BARKAN, Mordhai** [IL/IL]; Brande Street 24, 49600 Petah Tikva (IL).

(74) **ZUTA, Mark**; Ben Yehuda Street 19, 49373 Petah Tikva (IL).

(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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/17043** (13) A2

(21) PCT/US97/17297

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 60/027,062 (32) **30 Sep/sep 1996 (30.09.1996)** (33) US

(31) 08/900,692 (32) **25 Jul/juil 1997 (25.07.1997)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M

(54) MASSIVELY PARALLEL PROCESSOR NETWORKS WITH OPTICAL EXPRESS CHANNELS
RESEAU DE PROCESSEURS MASSIVEMENT PARALLELES COMPORTANT DES VOIES OPTIQUES EXPRESS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).

(72) **DERI, Robert, J.**; 4930 Owens Drive #1022, Pleasanton, CA 94588 (US). **BROOKS, Eugene, D., III**; 1115 Arrowhead Avenue, Livermore, CA 94550 (US). **HAIGH, Ronald, E.**; 480 Gianelli Street, Tracy, CA 95376 (US). **DEGROOT, Anthony, J.**; 3628 Arcadian Court, Castro Valley, CA 94546 (US).

(74) **SARTORIO, Henry, P.**; P.O. Box 808, L-703, Livermore, CA 94550 (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 98/17044** (13) A2

(21) PCT/US97/18554

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/730,433 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M

(54) SYSTEM AND DEVICE FOR, AND METHOD OF, DETECTING, CHARACTERIZING, AND MITIGATING DETERMINISTIC DISTORTION IN A COMMUNICATIONS NETWORK
SYSTEME, DISPOSITIF ET PROCEDE DE DETECTION, DE CARACTERISATION ET DE MODERATION DE LA DISTORSION DETERMINISTIQUE DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **EYUBOGLU, M., Vedat**; 150 Jennie Dugan Road, Concord, MA 01742 (US). **BARABELL, Arthur, J.**; 20 Longfellow Road, Natick, MA 01760-1957 (US). **HUMBLET, Pierre, A.**; 65, boulevard Montfleury, F-06400 Cannes (FR).

(74) **KLAYMAN, Jeffrey, T.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 98/17045** (13) A1

(21) PCT/US97/18248

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 60/028,364 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M 1/00, 3/42, 13/00, 15/00, 17/00, H04B 1/40

(54) REPROGRAMMABLE WIRELESS LOCAL LOOP PHONE CAPABLE OF EMULATING A WIRELINE PHONE
APPAREIL TELEPHONIQUE SANS FIL DU CIRCUIT LOCAL POUVANT ETRE REPROGRAMME ET CAPABLE D'EMULER UN TELEPHONE A FIL

(63) US 60/028,364 (CIP)
11 Oct/oct 1996 (11.10.1996)

(71) **BRIGHT TECHNOLOGIES, INC.** [US/US]; Suite 150, 1856 Corporate Drive, Norcross, GA 30093-2926 (US).
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(72, 75) **KASS, Leon, Paul** [US/US]; Suite E, 6604 Horney Road, Tampa, FL 33610 (US).

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

(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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/17046** (13) A1

(21) PCT/US97/19128

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 60/028,950 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04M 1/03, H04R 1/02, 1/28

(54) NOISE CANCELLING ACOUSTICAL IMPROVEMENT TO WIRELESS TELEPHONE OR CELLULAR PHONE
AMELIORATION ACOUSTIQUE DE L'ELIMINATION DU BRUIT POUR LES RADIOTELEPHONES CELLULAIRES OU LES TELEPHONES CELLULAIRES

(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 10036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

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(11) **WO 98/17047** (13) A1

(21) PCT/US97/18892

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/730,742 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ H04M 3/00
- (54) NETWORK BASED PREDICTIVE DIALING NUMEROTATION PREDICTIVE BASEE SUR UN RESEAU
- (71) **INTERVOICE LIMITED PARTNERSHIP** [US/US]; Suite 130, 1325 Airmotive Way, Reno, NV 39502 (US).
- (72) **POLCYN, Michael, J.**; 1007 Springfield Lane, Allen, TX 75002 (US).
- (74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (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).

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- (11) **WO 98/17048** (13) A1
- (21) PCT/GB97/02782
- (22) **9 Oct/oct 1997 (09.10.1997)**
- (25) en (26) en
- (31) 9621524.9 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04M 3/50, H04L 12/64, 29/06
- (54) MULTIMEDIA CALL CENTRE CENTRE TELEPHONIQUE MULTIMEDIA
- (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) **POTTER, John, Morgan, Melbourne** [GB/GB]; 79 Mayfield Road, Ipswich, Suffolk IP4 3NG (GB). **LANG, Russell, John** [AU/AU]; 12 Princetown Road, Mount Waverley, VIC 3149 (AU).
- (74) **BRADLEY, David, William**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17049** (13) A2
- (21) PCT/US97/18390
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 08/732,177 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04M 3/50
- (54) METHODS AND APPARATUS FOR PAGING SYSTEMS

- PROCEDES ET APPAREIL DESTINES A DES SYSTEMES DE MESSAGERIE VOCALE
- (71) **AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.** [US/US]; American Express Tower, World Financial Center, New York, NY 10285 (US).
- (72) **TASKETT, John, M.**; 2673 East Coquina Court, Salt Lake City, UT 84121 (US). **CHAMBERLAIN, Charles**; 2000 S. Arlington Ridge Road, Arlington, VA 22202 (US).
- (74) **SOBELMAN, Howard, I.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-0001 (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 98/17050** (13) A1
- (21) PCT/US97/18735
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 08/729,090 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04M 11/06, H04L 27/34
- (54) CIRCUITRY AND METHOD FOR SIMULTANEOUSLY TRANSMITTING VOICE AND DATA INFORMATION
CIRCUITS ET PROCEDE DE TRANSMISSION SIMULTANEE DE LA PAROLE ET DE DONNEES
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **CHENNAKESHU, Sandeep**; 311 Glen Abbey Drive, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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- (11) **WO 98/17051** (13) A2
- (21) PCT/IB97/01201
- (22) **2 Oct/oct 1997 (02.10.1997)**
- (25) en (26) en
- (31) 96202755.3 (32) **3 Oct/oct 1996 (03.10.1996)** (33) EP
- (34) NL et al. / etc.
- (31) 97202189.3 (32) **15 Jul/juil 1997 (15.07.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 23 Apr/avr 1998 (23.04.1998)

- (51)⁶ H04N
- (54) CHARGE COUPLED IMAGING DEVICE, AND METHOD OF OPERATING SUCH A DEVICE
DISPOSITIF D'IMAGERIE A COUPLAGE DE CHARGE ET PROCEDE DE FONCTIONNEMENT DE CE DISPOSITIF
- (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72, 75) **ROKS, Edwin** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOSIERS, Jan, Theodoor, Jozef** [BE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KORTHOUT, Alouisius, Wilhelmus, Marinus** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **OPMEER, Peter** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **HOUBIERS, Ernest, E., M., G.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/17052** (13) A1
- (21) PCT/US97/17346
- (22) **26 Sep/sep 1997 (26.09.1997)**
- (25) en (26) en
- (31) 08/723,020 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 1/00, 5/262, 5/76, 5/222, 5/225, 7/00
- (54) A METHOD AND SYSTEM FOR EXPANDING THE MEDIA TYPES SUPPORTED IN A DIGITAL CAMERA
PROCEDE ET SYSTEME D'ACCROISSEMENT DES TYPES DE SUPPORTS INSTALLES DANS UNE CAMERA NUMERIQUE
- (71) **FLASHPOINT TECHNOLOGY, INC.** [US/US]; 981 Ridder Park Drive, San Jose, CA 95131 (US).
- (72) **ANDERSON, Eric, C.**; 931 Brentwood Avenue, San Jose, CA 95129 (US). **MASUKAWA, Mike**; 24201 Mountain Charlie Road, Los Gatos, CA 95030 (US).
- (74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Suite A, 620 Hansen Way, Palo Alto, CA 94304 (US).
- (81) AU CA CN IL 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 98/17053** (13) A1
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- (22) **11 Oct/oct 1997 (11.10.1997)**
- (25) en (26) en
- (31) 60/028,414 (32) **15 Oct/oct 1996 (15.10.1996)** (33) US
- (31) 08/778,527 (32) **3 Jan/jan 1997 (03.01.1997)** (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 1/00, H04M 3/42, 7/00, 11/00
- (54) METHODS AND SYSTEMS FOR CONNECTING MULTIPLE TELEPHONE LINES BETWEEN TWO STATIONS

PROCEDES ET SYSTEMES PERMETTANT DE CONNECTER DES LIGNES TELEPHONIQUES MULTIPLES ENTRE DEUX STATIONS

(71) **ASICOM INC.** [US/US]; 45655 Northport Loop East, Fremont, CA 94538 (US).

(72) **HUANG, Tapeng**; 1054 Happy Valley Avenue, San Jose, CA 95129 (US).

(74) **CHAN, Hark, C.**; 45655 Northport Loop East, Fremont, CA 94538 (US).

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

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(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 96202856.9 (32) **14 Oct/oct 1996 (14.10.1996)** (33) EP

(34) NL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 3/233, 9/64, 3/237 // G09G 1/04

(54) DEFLECTION WITH DAMPING IMPEDANCE COMPENSATION A COMPENSATION D'IMPEDANCE D'AMORTISSEMENT

(71) **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) **PEETOOM, Johannes, Albertus**; 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) 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 98/17055** (13) A2

(21) PCT/IB97/01110

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) 96202854.4 (32) **14 Oct/oct 1996 (14.10.1996)** (33) EP

(34) NL et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 3/233

(54) DEFLECTION WITH LOW OFFSET DEVIATION A FAIBLE DECALAGE

(71) **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) **VAN TUIJL, Adrianus, Johannes, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER VEN, Erik**; 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) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/17056** (13) A1

(21) PCT/US96/16459

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 5/445

(54) APPARATUS AND METHOD FOR GENERATING ON-SCREEN-DISPLAY MESSAGES USING ONE-BIT PIXELS
APPAREIL ET PROCEDE DE PRODUCTION DE MESSAGES D'AFFICHAGE SUR ECRAN AU MOYEN DE PIXELS "A UN BINAIRE"

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOX, Michael, Dwayne** [US/US]; 10635 Northhampton Drive, Fishers, IN 46038 (US). **DINWIDDIE, Aaron, Hal** [US/US]; 12466 Trophy Drive, Fishers, IN 46038 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., CN 5312, 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 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 (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 98/17057** (13) A1

(21) PCT/US96/16502

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 5/445

(54) APPARATUS AND METHOD FOR GENERATING ON-SCREEN-DISPLAY MESSAGES USING FIELD DOUBLING
DISPOSITIF ET PROCEDE POUR GENERER DES MESSAGES AFFICHES A L'ECRAN EN UTILISANT UN DOUBLAGE DE CHAMP

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOX, Michael, Dwayne** [US/US]; 10635 Northhampton Drive, Fishers, IN 46038 (US). **DINWIDDIE, Aaron, Hal** [US/US]; 12466 Trophy Drive, Fishers, IN 46038 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., CN 5312, 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 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 (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 98/17058** (13) A1

(21) PCT/US96/16514

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 5/445

(54) APPARATUS AND METHOD FOR GENERATING ON-SCREEN-DISPLAY MESSAGES USING LINE DOUBLING
DISPOSITIF ET PROCEDE POUR GENERER DES MESSAGES AFFICHES A L'ECRAN AU MOYEN D'UN DOUBLAGE DE LIGNE

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOX, Michael, Dwayne** [US/US]; 10635 Northhampton Drive, Fishers, IN 46038 (US). **DINWIDDIE, Aaron, Hal** [US/US]; 12466 Trophy Drive, Fishers, IN 46038 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., CN 5312, 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 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 (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 98/17059** (13) A1

(21) PCT/US97/17273

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 08/731,496 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 5/76, 5/222, 5/225, 5/91, 5/928

(54) A METHOD AND SYSTEM FOR ADDING SOUND TO IMAGES IN A DIGITAL CAMERA
PROCEDE ET SYSTEME PERMETTANT D'AJOUTER LE SON A DES IMAGES, DANS UNE CAMERA NUMERIQUE

(71) **FLASHPOINT TECHNOLOGY, INC.** [US/US]; 981 Ridder Park Drive, San Jose, CA 95131 (US).

(72) **ANDERSON, Eric, C.**; 931 Brentwood Avenue, San Jose, CA 95129 (US).

(74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Suite A, 620 Hansen Way, Palo Alto, CA 94304 (US).

(81) AU CA CN IL 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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(31) 60/028,872 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(31) Not furnished / non communiqué (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/00, 7/18, 9/47
- (54) SATELLITE CAMERA ATTITUDE DETERMINATION AND IMAGE NAVIGATION BY MEANS OF EARTH EDGE AND LANDMARK MEASUREMENT
DETERMINATION DE L'ORIENTATION D'UN APPAREIL PHOTOGRAPHIQUE EMBARQUE SUR SATELLITE ET NAVIGATION PAR IMAGE DUDIT APPAREIL AU MOYEN DE MESURES DU CONTOUR TERRESTRE ET DE POINTS DE REPERES
- (71) SPACE SYSTEMS/LORAL, INC. [US/US]; 3825 Fabian Way, Palo Alto, CA 94303 (US).
- (72) KAMEL, Ahmed, A.; 1645 Candace Way, Los Altos, CA 94024 (US). ONG, Kwok, M.; 550 Ortega Avenue #433, Mountain View, CA 94040 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/10
- (54) LEVEL CONTROL FOR A BROADBAND DISTRIBUTION SYSTEM
REGULATION DE NIVEAU POUR UN SYSTEME DE DISTRIBUTION A LARGE BANDE
- (71) THE WHITAKER CORPORATION [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (72) FETTEROLF, James, R., Sr.; 302 Indian Creek Drive, Mechanicsburg, PA 17055 (US). FLICKINGER, Steven, L.; 7107 Fox Meadow Drive, Hummelstown, PA 17076 (US). NONEMACHER, Ellwood, D.; 127 N. Spring Street #2, Bellefonte, PA 16823 (US). PRESCHUTTI, Joseph, P.; 655 Belmont Circle, State College, PA 16803 (US).
- (74) ANASTASI, Salvatore 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (31) 60/028,138 (32) 16 Oct/oct 1996 (16.10.1996) (33) US
- (31) 60/032,571 (32) 4 Dec/déc 1996 (04.12.1996) (33) US
- (31) 60/032,136 (32) 9 Dec/déc 1996 (09.12.1996) (33) US
- (31) 60/035,236 (32) 1 Jan/jan 1997 (01.01.1997) (33) US
- (31) 60/035,029 (32) 8 Jan/jan 1997 (08.01.1997) (33) US
- (31) 60/040,763 (32) 14 Mar/mar 1997 (14.03.1997) (33) US
- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/173, 7/16, 7/00
- (54) ACCESS TO INTERNET DATA THROUGH A TELEVISION SYSTEM
ACCES A DES DONNEES INTERNET PAR LE BIAIS D'UN SYSTEME DE TELEVISION
- (71) GEMSTAR DEVELOPMENT CORPORATION [US/US]; Suite 870, 135 North Los Robles Avenue, Pasadena, CA 91101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MACRAE, Douglas, B. [US/US]; 23 Cart Path Road, Weston, MA 02193 (US). YUEN, Henry, C. [US/US]; P.O. Box 1159, Redondo Beach, CA 90278 (US). MANKOVITZ, Roy, J. [US/US]; 18057 Medley Drive, Encino, CA 91316 (US). LEUNG, Elsie, Y. [US/US]; 1302 Via Del Rey, South Pasadena, CA 91030 (US). KWOH, Daniel, S. [US/US]; 3975 Hampstead Road, La Canada/Flintridge, CA 91011 (US). WESTBERG, Thomas, E. [US/US]; 4 Puffer Road, Sudbury, MA 01776 (US).
- (74) RAHN, LeRoy, T.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (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).

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- (11) WO 98/17061 (13) A1
- (21) PCT/JP97/00396
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- (25) ja (26) ja
- (31) 8/272721 (32) 15 Oct/oct 1996 (15.10.1996) (33) JP

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/08
- (54) DATA HIDING METHOD AND DATA EXTRACTING METHOD
PROCEDE D'ESCAMOTAGE DE DONNEES ET PROCEDE D'EXTRACTION DE DONNEES

- (71) IBM JAPAN LTD. [JP/JP]; 2-12, Roppongi 3-chome, Minato-ku, Tokyo 106 (JP).
(only for / seulement pour JP)

- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf JP)

- (72) MORIMOTO, Norishige; IBM Japan Ltd., Tokyo Research Laboratory, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP). MAEDA, Junji; IBM Japan Ltd., Tokyo Research Laboratory, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).

- (74) GODA, Kiyoshi et al. / etc.; IBM Japan Ltd., Yamato Site, 1623-14, Shimotsuruma, Yamato-shi, Kanagawa-ken 242 (JP).

- (81) BR CA CN CZ HU JP KR PL RU SG SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) WO 98/17062 (13) A1
- (21) PCT/US97/19035
- (22) 10 Oct/oct 1997 (10.10.1997)
- (25) en (26) en
- (31) 08/730,543 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

- (11) WO 98/17063 (13) A1
- (21) PCT/US97/18490
- (22) 14 Oct/oct 1997 (14.10.1997)
- (25) en (26) en
- (31) 08/731,525 (32) 16 Oct/oct 1996 (16.10.1996) (33) US

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/14, 7/173, H04L 29/06
- (54) A TELEVISION EVENT MARKING SYSTEM
SYSTEME DE MARQUAGE D'EVENEMENTS TELEVISES
- (71) CATCH TV, INC. [US/US]; Suite 160, 875 Mahler Road, Burlingame, CA 94010 (US).

- (72) KELLY, Gregory, H.; 78 Idora Avenue, San Francisco, CA 94127 (US). GOLDBERG, Kenneth, Y.; 1079 Tennessee Street, San Francisco, CA 94107 (US). GEE, John, S.; 7345 Mears Road, Auburn, CA 95602 (US). LEVINSON, Philip, D.; 11499 Summitwood Road, Los Altos Hills, CA 94022 (US). FULLAM, Scott; Apartment 12, 2149 Junction Avenue, Mountain View, CA 94043 (US).

- (74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036 (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 UZ VN; 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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- (21) PCT/US97/18664
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- (25) en (26) en

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- (11) WO 98/17065 (13) A1
- (21) PCT/US97/18624
- (22) 9 Oct/oct 1997 (09.10.1997)
- (25) en (26) en
- (31) 731,229 (32) 11 Oct/oct 1996 (11.10.1996) (33) US

- (43) 23 Apr/avr 1998 (23.04.1998)
- (51)⁶ H04N 7/30
- (54) ADAPTIVE RATE CONTROL FOR DIGITAL VIDEO COMPRESSION
COMMANDE ADAPTATIVE DE DEBIT POUR COMPRESSION DE DONNEES NUMERIQUES VIDEO
- (71) QUALCOMM INCORPORATED [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

- (72) PIAN, Donald, T.; 12345 Sardina Cove, San Diego, CA 92130 (US). LEE, Chong, U.; 5238 Camino Playa Malaga, San Diego, CA 92124 (US).
- (74) OGROD, Gregory, D. 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17066** (13) A1

(21) PCT/US96/16503

(22) **16 Oct/oct 1996 (16.10.1996)**

(25) en (26) en

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 9/64, 5/445

(54) APPARATUS AND METHOD FOR GENERATING ON-SCREEN-DISPLAY MESSAGES USING TRUE COLOR MODE
DISPOSITIF ET PROCÉDE POUR GENERER DES MESSAGES AFFICHES A L'ECRAN EN UTILISANT UN MODE A COULEURS VRAIES

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOX, Michael, Dwayne** [US/US]; 10635 Northhampton Drive, Fishers, IN 46038 (US).
DEISS, Michael, Scott [US/US]; 1103 Indian Pipe Lane, Zionsville, IN 46077 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., CN 5312, 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 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 (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 98/17067** (13) A1

(21) PCT/NL97/00579

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) nl (26) en

(31) 1004273 (32) **15 Oct/oct 1996 (15.10.1996)** (33) NL

(31) 1006167 (32) **30 May/mai 1997 (30.05.1997)** (33) NL

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 13/00, G02B 27/22

(54) METHOD AND DEVICE FOR SUGGESTING DEPTH IN TWO-DIMENSIONAL IMAGES
PROCÉDE ET DISPOSITIF VISANT A DONNER UNE IMPRESSION DE PROFONDEUR DANS DES IMAGES BI-DIMENSIONNELLES

(71, 72) **WENGER, Klaus, Herbert, Günter** [DE/NL]; Zebraspoor 573, NL-3605 HH Maarssen (NL).

(74) **LOUËT FEISSER, Arnold** et al. / etc.; Arnold & Siedsma, P.O. Box 71720, NL-1008 DE Amsterdam (NL).

(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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(21) PCT/US97/19458

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(25) en (26) en

(31) 60/027.934 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04N 13/00, 13/04, 15/00

(54) STEREOSCOPIC VIDEO CODING AND DECODING APPARATUS AND METHOD
DISPOSITIF ET PROCÉDE DE VIDEODODAGE ET DE DECODAGE STEREOSCOPIQUES

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN-5300, Princeton, NJ 08543-5300 (US).

(72) **CHIANG, Tihao**; 37-16 Quail Ridge Drive, Plainsboro, NJ 08536 (US).
ZHANG, Ya-Qin; 98 Ashford Drive, Plainsboro, NJ 08536 (US).

(81) BR CA CN 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 98/17069** (13) A2

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(22) **13 Aug/Août 1997 (13.08.1997)**

(25) en (26) en

(31) 08/728.731 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q

(54) METHOD AND APPARATUS FOR ESTABLISHING A LINK IN A WIRELESS COMMUNICATION SYSTEM
PROCÉDE ET APPAREIL D'ETABLISSEMENT D'UNE LIAISON DANS UN SYSTEME DE TRANSMISSION SANS FIL

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LADDEN, Gregory, C.**; 339 Barn Swallow Lane, Vernon Hills, IL 60061 (US).
BRUCKERT, Eugene, J.; 203 W. Noyes, Arlington Heights, IL 60006 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA FI JP KR SE.

(11) **WO 98/17070** (13) A2

(21) PCT/EP97/05539

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 9621518.1 (32) **16 Oct/oct 1996 (16.10.1996)** (33) GB

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 3/00

(54) NUMBER PORTABILITY IN A TELECOMMUNICATIONS NETWORK
INTERCHANGEABILITE DU NUMERO DANS UN RESEAU DE TELECOMMUNICATIONS

(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) **BERGSTRAND, Magnus** [SE/SE]; Halandskatan 50, S-118 57 Stockholm (SE).
WÄNGBERG, Fredrik [SE/SE]; Telefonaktiebolaget LM Ericsson, HF/ETX/X/USP, S-126 25 Stockholm (SE).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

(11) **WO 98/17071** (13) A1

(21) PCT/US97/18535

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/729.386 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/00

(54) METHOD AND APPARATUS FOR ESTIMATING PARAMETERS OF A COMMUNICATION SYSTEM USING ANTENNA ARRAYS AND SPATIAL PROCESSING
PROCÉDE ET APPAREIL SERVANT A ESTIMER DES PARAMETRES D'UN SYSTEME DE COMMUNICATION A L'AIDE DE RESEAUX D'ANTENNES ET PAR UN TRAITEMENT SPATIAL

(63) US 08/729.386 (CON)
11 Oct/oct 1996 (11.10.1996)

(71) **ARRAYCOMM, INC.** [US/US]; 3141 Zanker Road, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARISH, David, M.** [US/US]; 1624 Alexander Way, Los Altos, CA 94024 (US).
CHIODINI, Alain, M. [FR/US]; 2134 Jardin Drive, Mountain View, CA 94040 (US).
BARRATT, Craig, H. [AU/US]; 1060 Lakeview Way, Redwood City, CA 94062 (US).
KARUPPIAH, Kamaraj [IN/US]; Apartment 401, 1235 Wildwood Avenue, Sunnyvale, CA 94089 (US).

(74) **WOODWARD, Henry, K.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/17072** (13) A1

(21) PCT/KR97/00193

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 1996/45753 (32) **14 Oct/oct 1996 (14.10.1996)** (33) KR

(31) 1997/12535 (32) **4 Apr/avr 1997 (04.04.1997)** (33) KR

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/20

(54) DIALING DEVICE
DISPOSITIF DE NUMEROTATION

(71, 72) **YOON, Young, Suk** [KR/KR]; 1-201, Hwapyung Apt., 106, Kil-dong, Kangdong-ku, Seoul 134-010 (KR). **KIM, Kyung, Duck** [KR/KR]; 214-2701, Hyundai Apt., 548, Keu-dong, Kwangjin-ku, Seoul 143-200 (KR).

(74) **PARK, Jong, Hyun**; Far East International Patent & Law Office, Sinmyong Building 4th floor, 645-21 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(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 98/17073** (13) A2

(21) PCT/DE97/02343

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 42 515.8 (32) **15 Oct/oct 1996 (15.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/22, 7/32

(54) METHOD FOR RADIO SIGNAL TRANSMISSION
PROCEDE DE TRANSMISSION DE SIGNAUX RADIOELECTRIQUES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

(72) **WEIGL, Andreas**; Werner-von-Siemens-Strasse 10, D-76351 Linkenheim-Hochstetten (DE). **WEISS, Karl-Ernst**; Hohewiesenstrasse 55A, D-76275 Ettlingen (DE). **DIEHL, Udo**; Rotenwaldstrasse 90, D-70197 Stuttgart (DE). **HAAS, Hardy**; Fliedeweg 17, D-71706 Markgröningen (DE). **SCHRAMM, Dieter**; Spessartstrasse 5, D-70469 Stuttgart (DE). **BOCHMANN, Harald**; Stöckener Strasse 125, D-30419 Hannover (DE). **KEUTMANN, Christoph**; Feldstrasse 53 A, D-13585 Berlin (DE). **KAISER, Karl-Heinz**; Uracher Weg 12, D-71732 Tamm (DE). **DIEBOLD, Bernd**; Wagnerweg 2, D-77866 Rheinau (DE).

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

(11) **WO 98/17074** (13) A2

(21) PCT/SE97/01653

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/730,815 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/22

(54) PROVIDING CALLER ID WITHIN A MOBILE TELECOMMUNICATIONS NETWORK
IDENTIFICATION DE L'APPELANT DANS UN RESEAU DE TELECOMMUNICATION MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **SKOG, Bengt, Robert**; Töjnavägen 39 B, S-191 34 Sollentuna (SE).

(74) **WIDEBERG, Olle** et al. / etc.; Telefonaktiebolaget LM Ericsson, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17075** (13) A2

(21) PCT/US97/17804

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 08/729,437 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/22, 7/32

(54) METHOD AND APPARATUS FOR CONFIGURING A MODEM
PROCEDE ET DISPOSITIF POUR CONFIGURER UN MODEM

(71) **ERICSSON, INC.** [US/US]; P.O. Box 13969, Research Triangle Park, NC 27709-3969 (US).

(72) **MOON, Billy**; 305 Parkbranch Lane, Apex, NC (US).

(74) **BENNETT, David, E.** et al. / etc.; Rhodes, Coats & Bennett, LLP, P.O. Box 5, Raleigh, NC 27602 (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; 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 98/17076** (13) A1

(21) PCT/SE97/01654

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/730,812 (32) **17 Oct/oct 1996 (17.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51) H04Q 7/24

(54) SHARED INTERWORKING FUNCTION WITHIN A MOBILE TELECOMMUNICATIONS NETWORK
FONCTION D'INTERFONCTIONNEMENT PARTAGE DANS UN RESEAU DE TELECOMMUNICATIONS MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **ESSIGMANN, Kurt**; Frankenstrasse 17, D-52070 Aachen (DE).

(74) **WIDEBERG, Olle** et al. / etc.; Telefonaktiebolaget LM Ericsson, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/17077** (13) A2

(21) PCT/FI97/00625

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) fi (26) en

(31) 964138 (32) **15 Oct/oct 1996 (15.10.1996)** (33) FI

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/26, H04J 15/00

(54) CHANNEL ALLOCATION METHOD AND RADIO SYSTEM USING A COMBINATION OF TDMA AND CDMA
PROCEDE D'ATTRIBUTION DE CANAL ET SYSTEME RADIO UTILISANT L'AMRT ET L'AMCR COMBINES

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **TOSKALA, Antti** [FI/FI]; Itämerenkatu 8 A 2, FIN-00180 Helsinki (FI). **HOLMA, Harri** [FI/FI]; Itätulenkuja 1 B 32, FIN-02100 Espoo (FI). **PIRHONEN, Riku** [FI/FI]; Gyldenintie 10 E 85, FIN-00200 Helsinki (FI).

(74) **PATENTTITOIMISTO TEKNOLOGIA 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17078** (13) A2

(21) PCT/US97/18073

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/728,754 (32) **11 Oct/oct 1996 (11.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 7/36, 7/22

(54) INTERSTITIAL SECTOR SYSTEM
SYSTEME DE SECTEUR INTERSTITIEL

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **DENT, Paul, W.**; 637 Eagle Point Road, Pittsboro, NC 27312 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/17079** (13) A1

(21) PCT/EP97/05498

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) de (26) de

(31) 96116505.7 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) DE et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 11/04, H04L 12/46

(54) METHOD OF HANDLING SERVICE CONNECTIONS IN A COMMUNICATION NETWORK
PROCEDE POUR TRAITER DES CONNEXIONS DE SERVICE DANS UN RESEAU DE TELECOMMUNICATIONS

(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) **DIRKMANN, Ansgar** [DE/DE]; Schloß-Prunn-Strasse 5a, D-81375 München (DE). **WERNER, Thomas** [DE/DE]; Ludwig-Wörl-Weg 6, D-81375 München (DE). **HAMANN, Jan** [DE/DE]; Erlbachstrasse 9b, D-81249 München (DE).

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

(11) **WO 98/17080** (13) A1

(21) PCT/SE97/01699

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 9603801-3 (32) **16 Oct/oct 1996 (16.10.1996)** (33) SE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H04Q 11/04, 3/66, 7/30

(54) SYSTEM OF COMMUNICATING UNITS AND A METHOD IN SAID SYSTEM
SYSTEME D'UNITES DE COMMUNICATION ET PROCEDE UTILISE DANS CE SYSTEME

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **RÖCKERT, Anders, Otto, Arvid**; Ekvatorsvägen 23, S-423 38 Torslanda (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

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(11) **WO 98/17081** (13) A2

(21) PCT/EP97/05741

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) de (26) de

(31) 196 42 947.1 (32) **17 Oct/oct 1996 (17.10.1996)** (33) DE

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05B

(54) DIRECT CURRENT GAS DISCHARGE LAMP STARTER AND DIRECT CURRENT GAS DISCHARGE LAMP INSTANT START BALLAST STARTER DE LAMPE A DECHARGE A COURANT CONTINU ET APPAREIL DE PROTECTION A COURANT CONTINU POUR LAMPE A DECHARGE

(71) **BISCHL ELECTRONIC GMBH** [DE/DE]; Leinfeld 17, D-82418 Seehausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IZYCKI, Richard** [DE/DE]; Bahnhofstrasse 20, D-82449 Uffing (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

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

(11) **WO 98/17082** (13) A1

(21) PCT/AT97/00218

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) A 1802/96 (32) **14 Oct/oct 1996 (14.10.1996)** (33) AT

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05B 3/84, 3/26

(54) PLANE HEATING DEVICE WITH A MULTILAYER, PREFERABLY TRANSPARENT PLANE ELEMENT AND METHOD OF OPERATION
DISPOSITIF DE CHAUFFAGE PLAT A ELEMENT PLAT MULTICOUCHE, DE PREFERENCE TRANSPARENT, ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER CE DISPOSITIF

(71) **NK KARL NIEDERLEITNER GESELLSCHAFT MBH** [AT/AT]; Wiener Strasse 7, A-3380 Pöchlarn (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIEDERLEITNER, Christian, Karl** [AT/AT]; Wiener Strasse 2, A-3380 Pöchlarn (AT). **PESEK, Alfred** [AT/AT]; Verbandsweg 32, A-1220 Wien (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A-8940 Liezen (AT).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) 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 98/17083** (13) A1

(21) PCT/IB97/01080

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 96202867.6 (32) **15 Oct/oct 1996 (15.10.1996)** (33) EP

(34) AT et al. / etc.

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05B 33/12

(54) ELECTROLUMINESCENT ILLUMINATION SYSTEM
SYSTEME D'ECLAIRAGE ELECTROLUMINESCENT

(71) **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) **HORIKX, Jeroen, Jan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LIEDENBAUM, Coen, Theodorus, Hubertus, Fransiscus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER MARK, Martinus, Bernardus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BERNTSEN, Adrianus, Johannes, Mattheus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VLEGGGAAR, Jeroen, Johanees, Marinus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOOTS, Henri, Marie, Joseph**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octroobureau 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).

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(11) **WO 98/17084** (13) A1

(21) PCT/US97/18650

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/729,365 (32) **16 Oct/oct 1996 (16.10.1996)** (33) US

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05B 37/02

(54) INDUCTIVE-RESISTIVE FLUORESCENT APPARATUS AND METHOD
APPAREIL FLUORESCENT INDUCTIF-RESISTIF ET PROCEDE CORRESPONDANT

(63) US 08/729,365 (CIP)
16 Oct/oct 1996 (16.10.1996)

(71) **TAPESWITCH CORPORATION** [US/US]; 100 Schmitt Boulevard, Farmingdale, NY 11735 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOVELL, Walter, C.** [US/US]; 348 Mountain Road, Wilbraham, MA 01095 (US). **DUHON, Edward** [US/US]; 2 Cinderella Lane, Setauket, NY 11733 (US). **BROOKS, Sheldon, B.** [US/US]; 129 First Avenue, Kings Park, NY 11754 (US). **SAPOROSA, Martin, L.** [US/US]; 19 John Hannum Circle, Glen Mills, PA 19342 (US).

(74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

(81) BR CA 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 98/17085** (13) A1

(21) PCT/GB97/02799

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en
 (31) 9621353.3 (32) **11 Oct/oct 1996** (33) GB
 (11.10.1996)
 (43) 23 Apr/avr 1998 (23.04.1998)
 (51)⁶ H05B 41/24, H01B 7/08

(54) A POWER DISTRIBUTION SYSTEM
 RESEAU DE DISTRIBUTION D'ENERGIE
 ELECTRIQUE

(71) **TUNEWELL TECHNOLOGY LTD.** [GB/GB];
 31 Commercial Road, London N18 1TB (GB);
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **RIMMER, Philip, John** [GB/GB]; 60 Endle-
 bury Road, Chingford, London E4 6QG (GB).

(74) **FRANKLAND, Nigel, H.**; Forrester Ketley & Co.,
 Forrester House, 52 Bounds Green Road, London
 N11 2EY (GB).

(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 98/17086** (13) A1

(21) PCT/US97/18889

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/028,379 (32) **15 Oct/oct 1996** (33) US
 (15.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05K 3/30, 13/04, B23P 19/04

(54) METHOD AND APPARATUS FOR SEATING
 PRINTED CIRCUIT BOARDS WITH ELECTRICAL
 SOCKETS IN A CHAMBER
 PROCEDE ET APPAREIL D'INSERTION
 DE CARTES DE CIRCUITS IMPRIMES
 AVEC DOUILLE ELECTRIQUE DANS UNE
 CHAMBRE

(71) **RELIABILITY INCORPORATED** [US/US];
 16400 Park Row, Houston, TX 77084 (US).

(72) **LILLJA, Charles**; 8814 Hazen Street, Houston,
 TX 77036 (US). **HUGH, David, Roy**; 14114
 Langbourne Drive, Houston, TX 77077 (US).

(81) JP KR SG.

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(11) **WO 98/17087** (13) A1

(21) PCT/US97/02836

(22) **24 Feb/fév 1997 (24.02.1997)**

(25) en (26) en

(31) 08/733,375 (32) **17 Oct/oct 1996** (33) US
 (17.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05K 5/02

(54) ONE-PIECE HOUSING AND INTERLOCKING
 CONNECTOR FOR IC CARD ASSEMBLIES
 CORPS MONOPIECE ET CONNECTEUR DE
 BLOCAGE POUR ENSEMBLES CARTES A
 CIRCUITS INTEGRES

(71) **MINNESOTA MINING AND MANUFACTURING
 COMPANY** [US/US]; 3M Center, P.O. Box
 33427, Saint Paul, MN 55133-3427 (US).

(72) **FELDMAN, Steven**; P.O. Box 33427, Saint Paul,
 MN 55133-3427 (US).

(74) **McNUTT, Matthew** et al. / etc.; Minnesota Mining
 and Manufacturing Company, Office of Intellectual
 Property Counsel, P.O. Box 33427, Saint Paul, MN
 55133-3427 (US).

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

(11) **WO 98/17088** (13) A1

(21) PCT/FI97/00592

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) fi (26) en

(31) 964089 (32) **11 Oct/oct 1996** (33) FI
 (11.10.1996)

(43) 23 Apr/avr 1998 (23.04.1998)

(51)⁶ H05K 5/03, H04M 1/02, 1/03

(54) REPLACEABLE DECORATIVE COVERING
 FOR AN ELECTRIC APPLIANCE
 REVETEMENT DECORATIF INTERCHAN-
 GEABLE POUR APPAREIL ELECTRIQUE

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(54) COLD PLATE HAVING UNIFORM PRESSURE
 DROP AND UNIFORM FLOW RATE
 DISSIPATEUR PLAN A CHUTE DE PRESSION
 ET A DEBIT UNIFORMES

(71) **BRAZONICS, INC.** [US/US]; 94 Tide Mill Road,
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(72) **HOU, Kai**; 14830 Avenida Anita, Chino Hill, CA
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(74) **LONGO, Robin, R.**; Testa, Hurwitz & Thibeault,
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(51)⁶ H05K 9/00

(54) METAL HOUSING, USEFUL IN PARTICULAR
 FOR TELECOMMUNICATION INSTALLA-
 TIONS
 BOITIER METALLIQUE, UTILE NOTAMMENT
 DANS UNE INSTALLATION DE TELECOMMUN-
 ICATIONS

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30
 02 20, D-70442 Stuttgart (DE).

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(51)⁶ H05K 13/02

(54) PARTS CONTAINER, METHOD OF INSPEC-
 TING PARTS USING SAME, AND APPARATUS
 THEREFOR
 RECEPTACLE POUR PIECES, ET APPAREIL
 ET PROCEDE DE CONTROLE DE PIECES A
 L'AIDE DE CE RECEPTACLE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO.,
 LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi,
 Osaka 571 (JP).
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 chiyama, Hirakata-shi, Osaka 573 (JP).

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

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(51)⁶ H05K 13/04, 13/02

(54) A METHOD AND A MACHINE FOR AUTOMA-
 TIC MOUNTING OF COMPONENTS AND A
 PICK-UP HEAD FOR SUCH A MACHINE
 TETE DE PRELEVEMENT DESTINEE A UNE
 MACHINE DE MONTAGE DE COMPOSANTS

(71) **MYDATA AUTOMATION AB** [SE/SE]; Adolf-
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*(for all designated States except / pour tous les États
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(74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle &
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